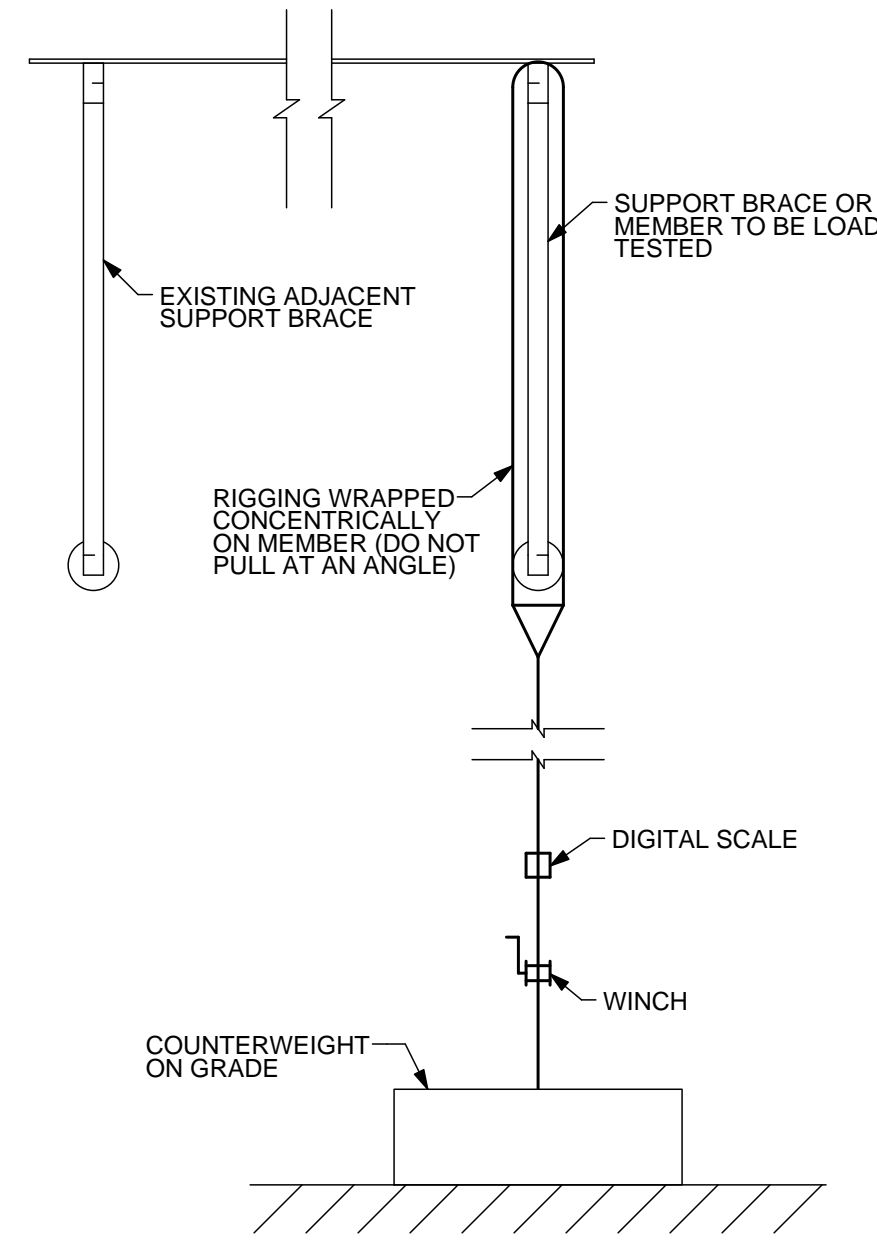
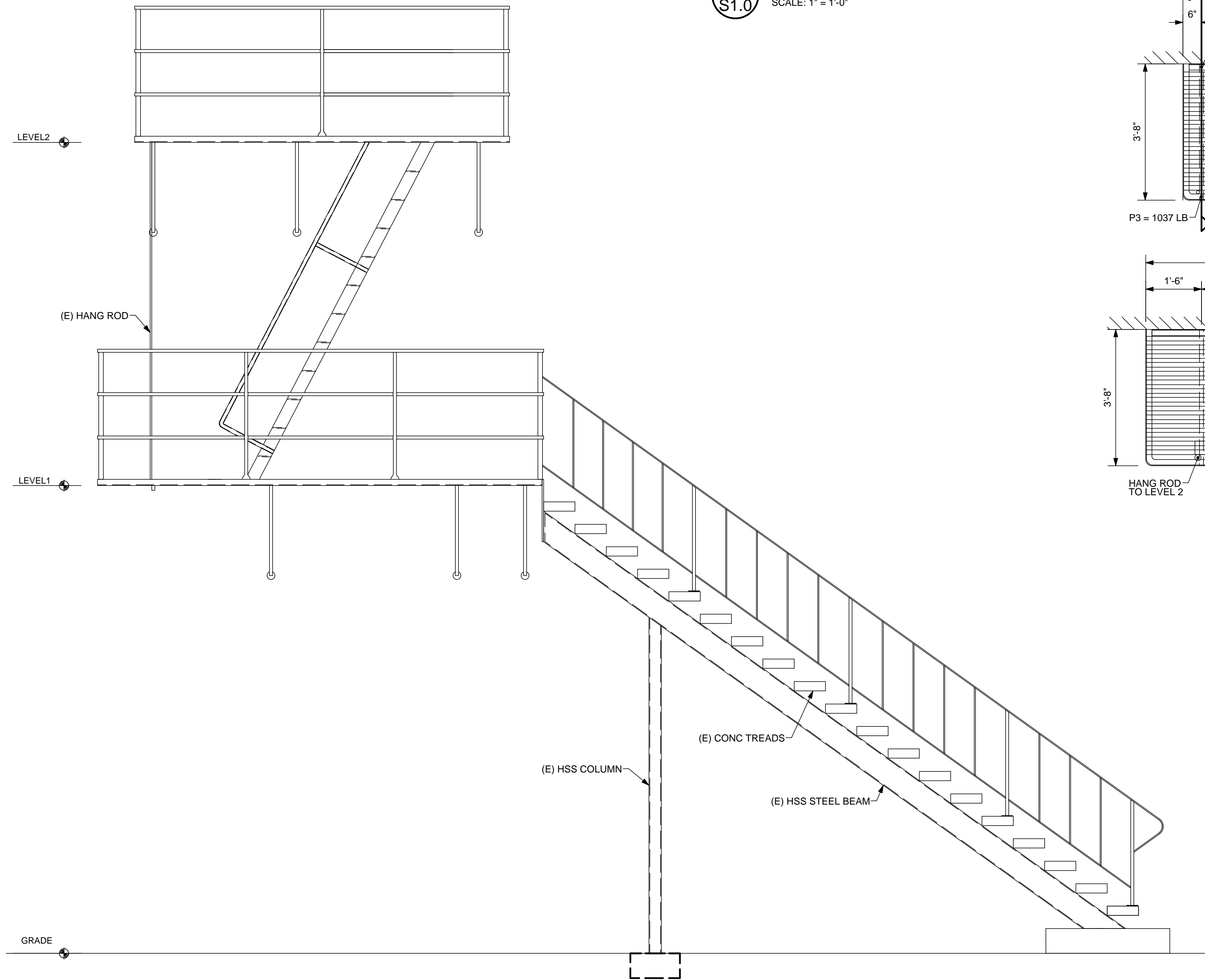


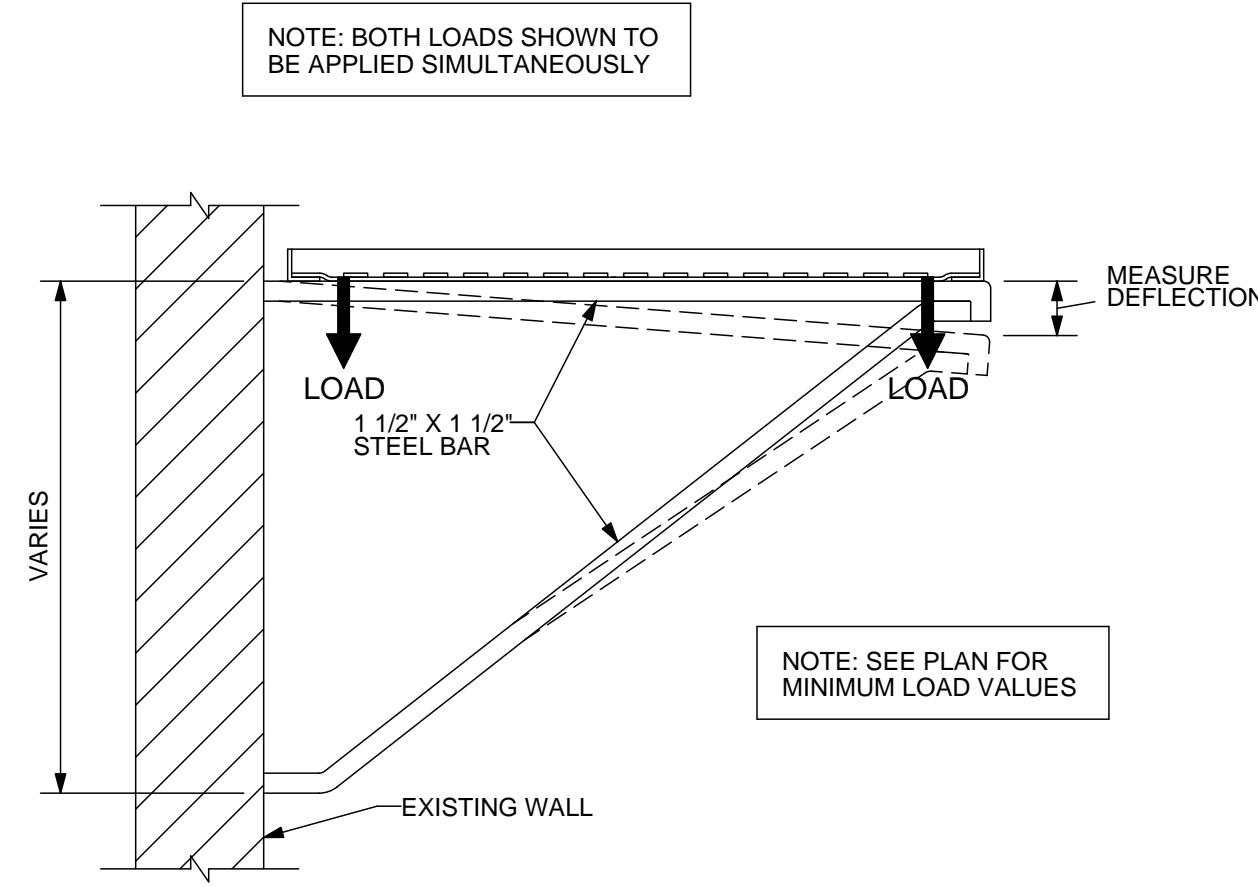
A FIRE ESCAPE SITE PLAN
S1.0 NO SCALE



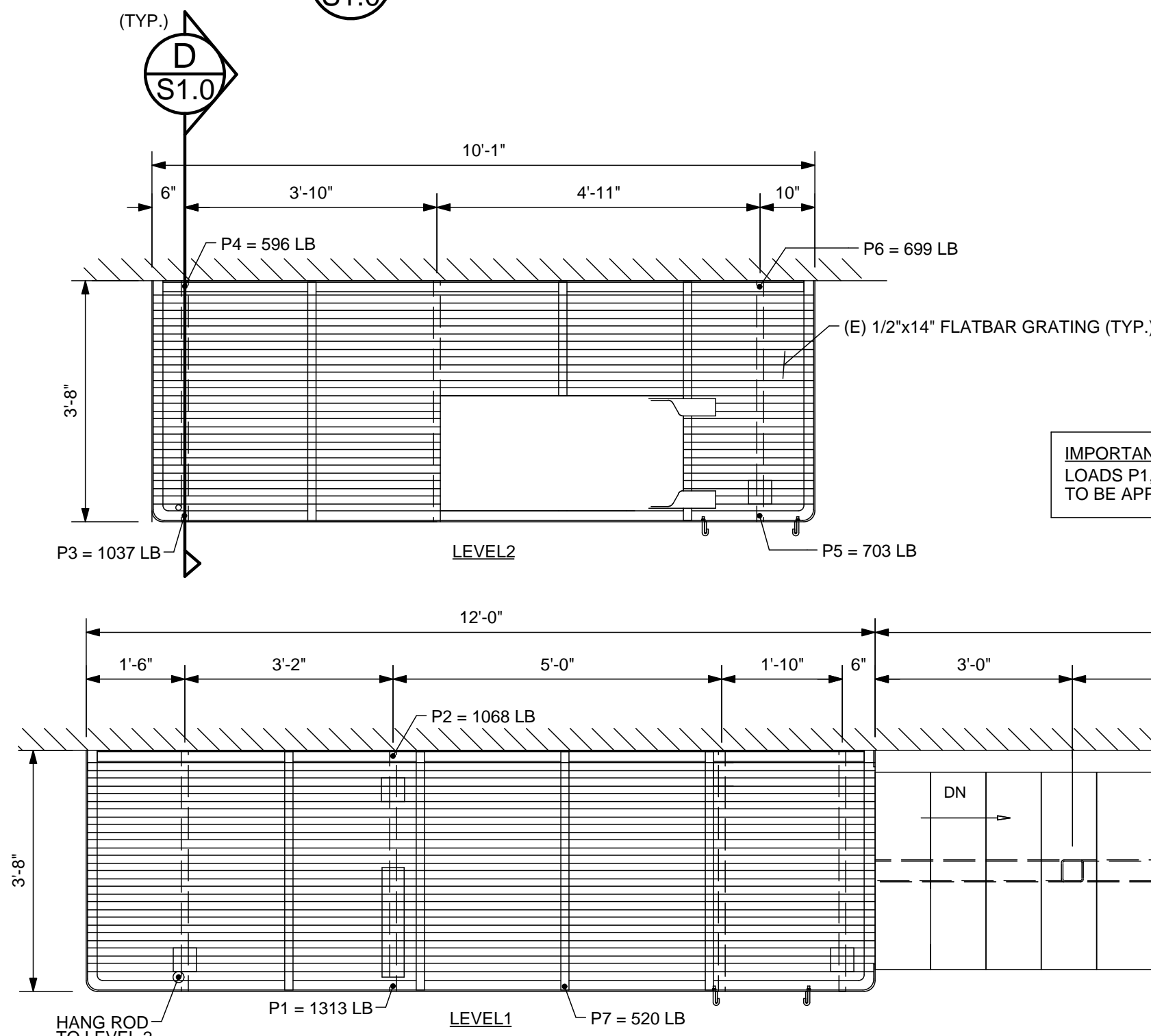
B GENERAL LOAD TEST SETUP
S1.0 SCALE: 1" = 1'-0"



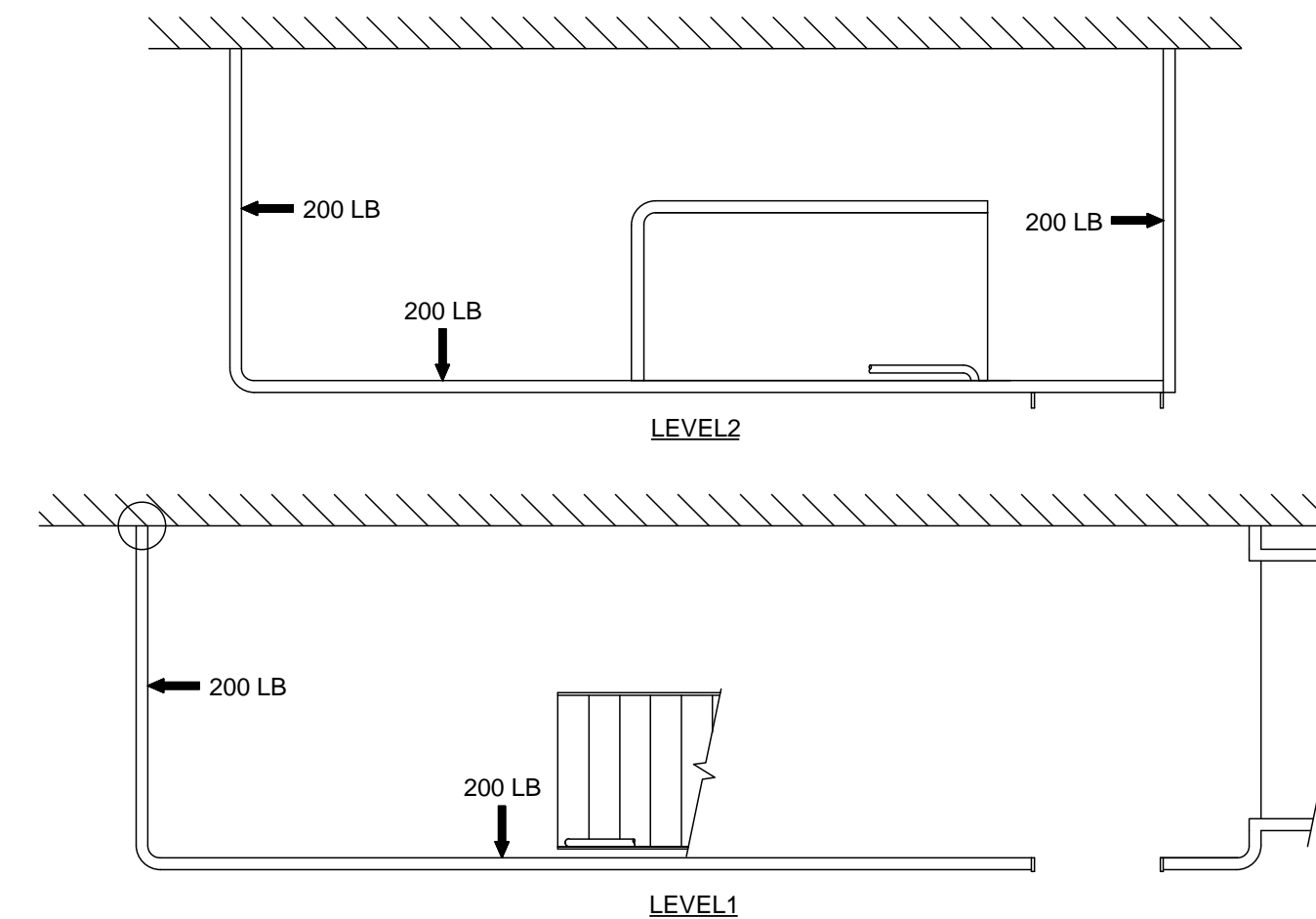
C FIRE ESCAPE ELEVATION
S1.0 SCALE: 1/2" = 1'-0"



D SECTION @ LANDING SUPPORT BRACE
S1.0 SCALE: 1" = 1'-0"



E FIRE ESCAPE PLANS
S1.0 SCALE: 1/2" = 1'-0"



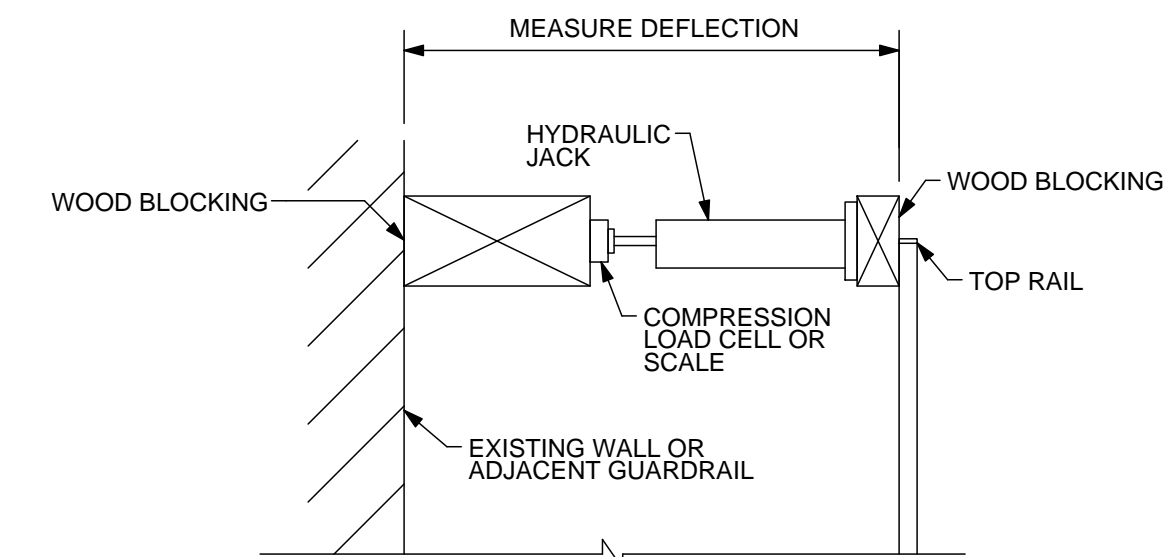
F FIRE ESCAPE GUARDRAIL PLANS
S1.0 SCALE: 1/2" = 1'-0"

- CONSTRUCTION NOTES:**
- ALL MEMBERS ARE TO BE KEPT PAINTED USING ONE OF THE COATINGS BELOW:
 - ONE (1) COAT OF IRON OXIDE PRIMER, FOLLOWED BY (1) COAT OF ALKYD ENAMEL FINISH.
 - ONE (1) COAT OF A SINGLE COAT PAINT SUCH AS "HAMMERITE" BRAND PAINT, AMERSHIELD POLYESTER-ACRYLIC ALIPHATIC POLYURETHANE, OR VAL-CHEM EPOXY MASTIC 75-W-9W.
 - ALTERNATIVE COATINGS OF PAINTS EQUIVALENT TO ABOVE LISTED ITEMS UPON APPROVAL BY THIS OFFICE.
 - LOOSE ANCHORS TO BRICK ARE TO BE SOLID GROUTED WITH NON-SHRINK GROUT.
 - NO VISIBLE RUST IS PERMITTED ON FIRE ESCAPE MEMBERS.
 - REMOVE MOSS AND DEBRIS. SCRAPE AND CLEAN FIRE ESCAPE AS REQUIRED PRIOR TO PAINTING.

- GENERAL NOTES FOR LOAD TESTING**
- ALL TEST LOADING SHALL BE MONITORED USING CALIBRATED LOAD CELLS AND/OR SCALES.
 - DEFLECTIONS TO THE NEAREST 1/16TH INCH SHALL BE TAKEN FOR TESTED ELEMENTS. MEASUREMENTS SHALL BE TAKEN FROM FIXED REFERENCE POINTS OR REFERENCE POINTS NOTED ON THE TEST SETUP DETAILS.
 - THE ELEMENTS SHALL BE CONSIDERED TO HAVE SUCCESSFULLY PASSED THE LOAD TEST IF THE FOLLOWING CRITERIA ARE SATISFIED:
 - WITHIN ONE HOUR AFTER REMOVAL OF TEST LOAD, THE STRUCTURE SHALL HAVE RECOVERED NOT LESS THAN 75 PERCENT OF THE MAXIMUM DEFLECTION UNLESS NOTED OTHERWISE.
 - DURING AND IMMEDIATELY AFTER THE TEST, THE STRUCTURE SHALL NOT SHOW EVIDENCE OF FAILURE.
 - THE TESTING AGENCY PERFORMING THE LOAD TEST SHALL NOTIFY THE E.O.R. AT LEAST TWO DAYS PRIOR TO LOAD TESTING. THE E.O.R. IS REQUIRED TO OBSERVE THE LOAD TESTING BEING PERFORMED.
 - HOLD EACH LOAD FOR 1 HOUR, UNLESS NOTED OTHERWISE.
 - TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.
 - LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY UNLESS NOTED OTHERWISE.

LANDING GUARDRAIL LOADING

- APPLY LOADS SHOWN TO THE TOP RAIL. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY U.N.O.
- HOLD EACH LOAD FOR (10) MINUTES.
- TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.



G GUARDRAIL TEST SETUP
S1.0 NOT TO SCALE



REVISIONS	No.	DATE	DESCRIPTION

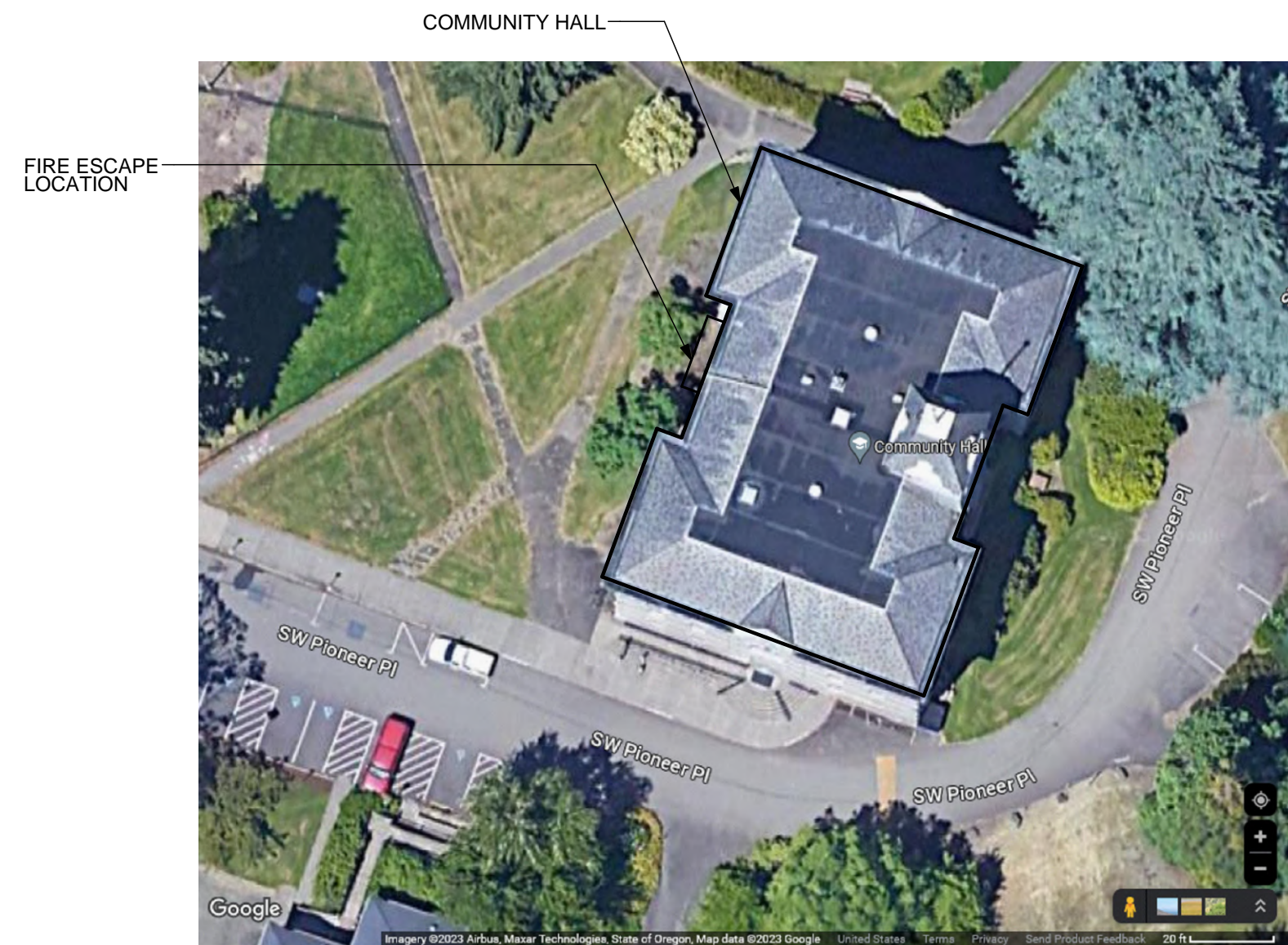
PROJECT: **OSU FIRE ESCAPES**
LOCATION: **811 SW JEFFERSON AVE CORVALLIS, OREGON**

SHEET TITLE: **AUTZEN HOUSE FIRE ESCAPE PLANS & ELEVATION**
CLIENT: **OREGON STATE UNIVERSITY**

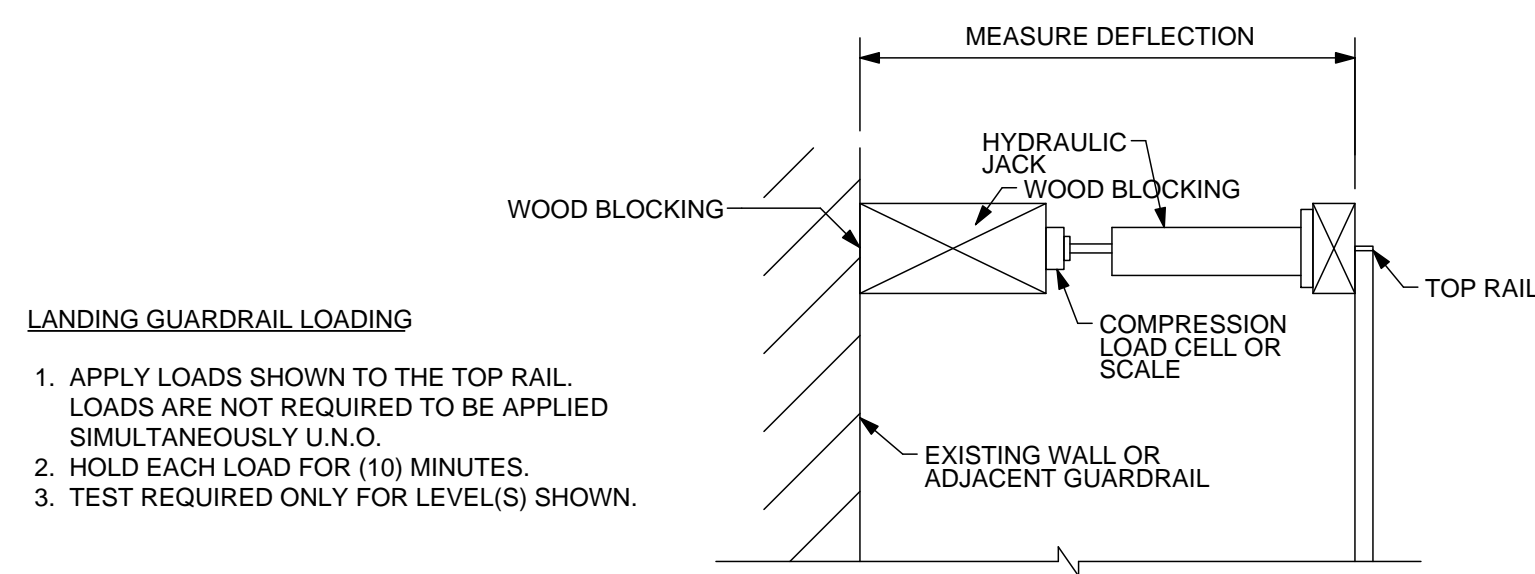
STABILITY ENGINEERING INC.
777 NE 2ND ST. SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (503) 838-5360 FAX: (503) 838-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN
SHEET

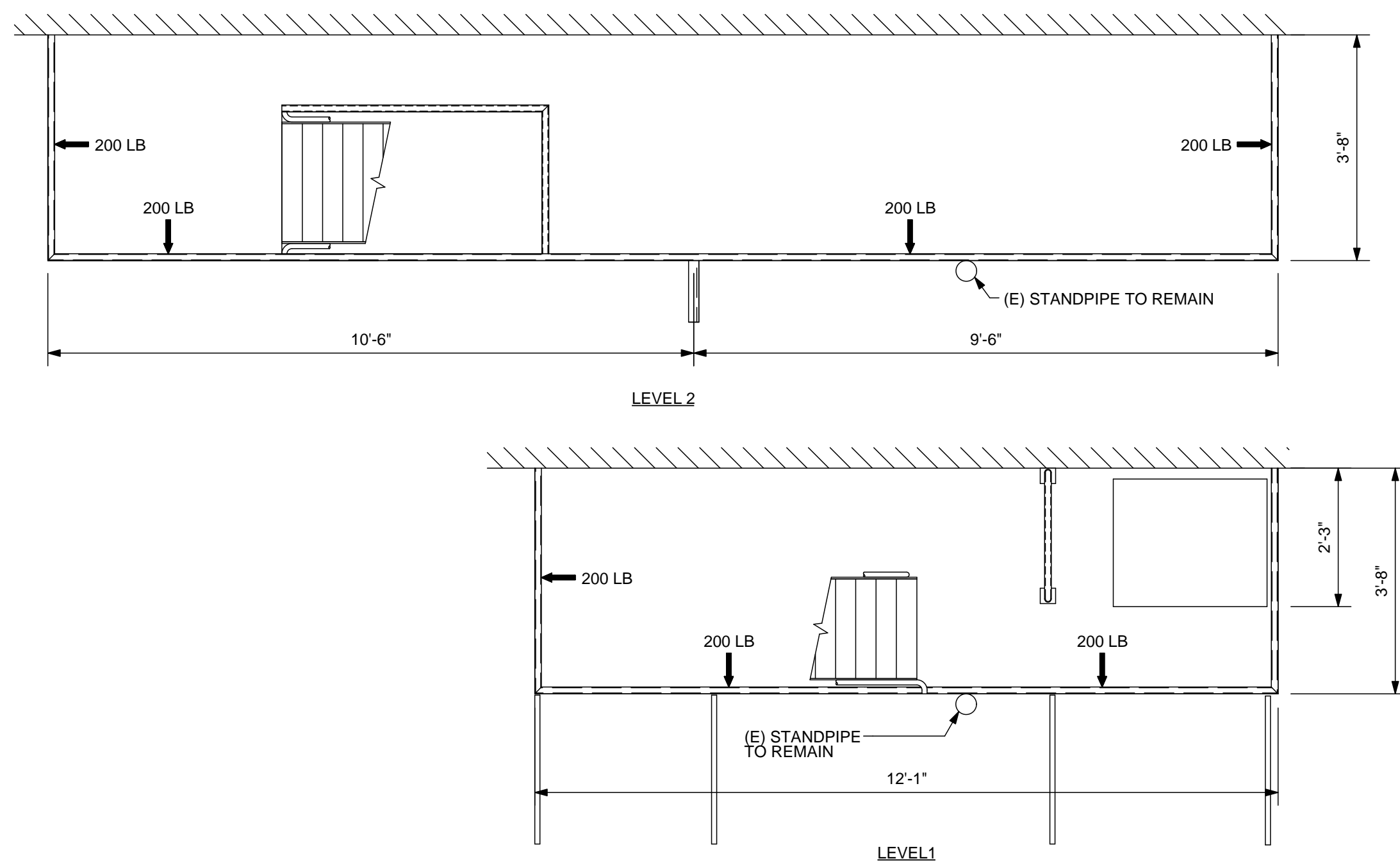
S1.0



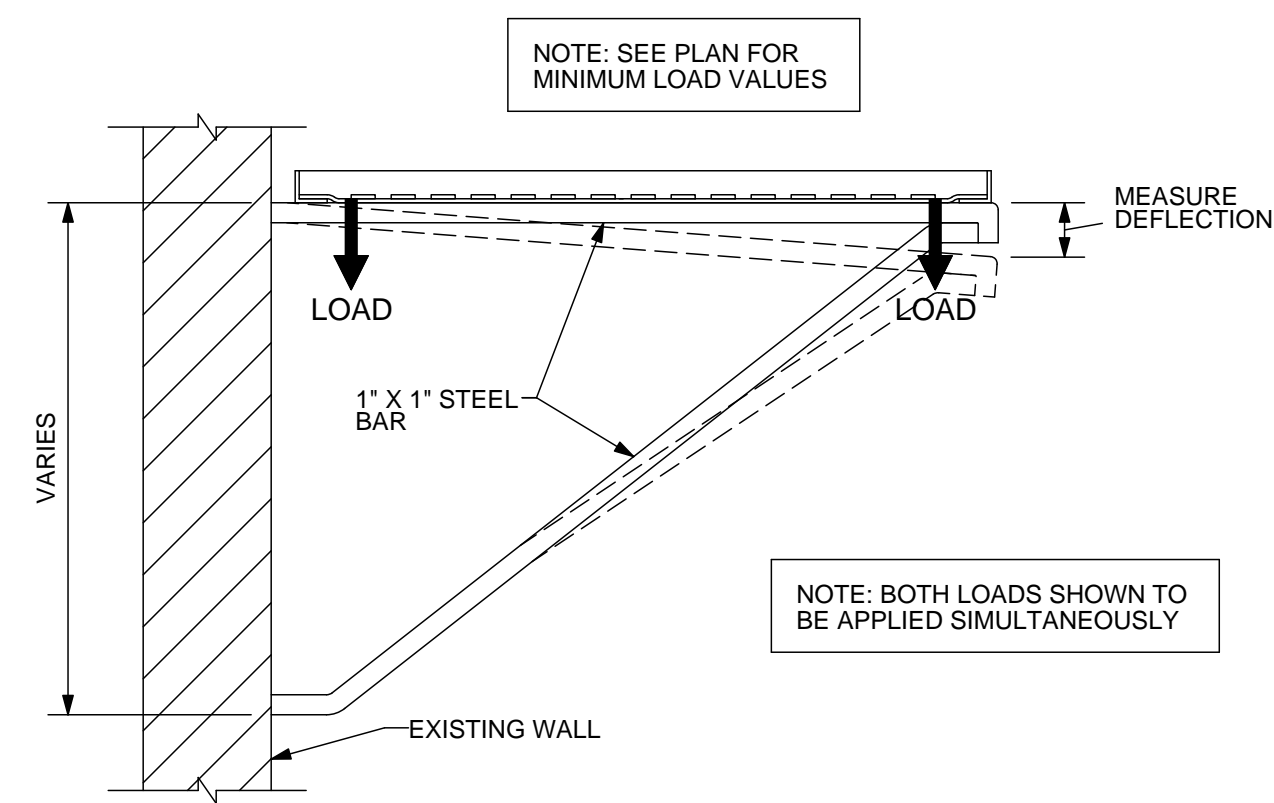
A FIRE ESCAPE SITE PLAN
S2.0 NO SCALE



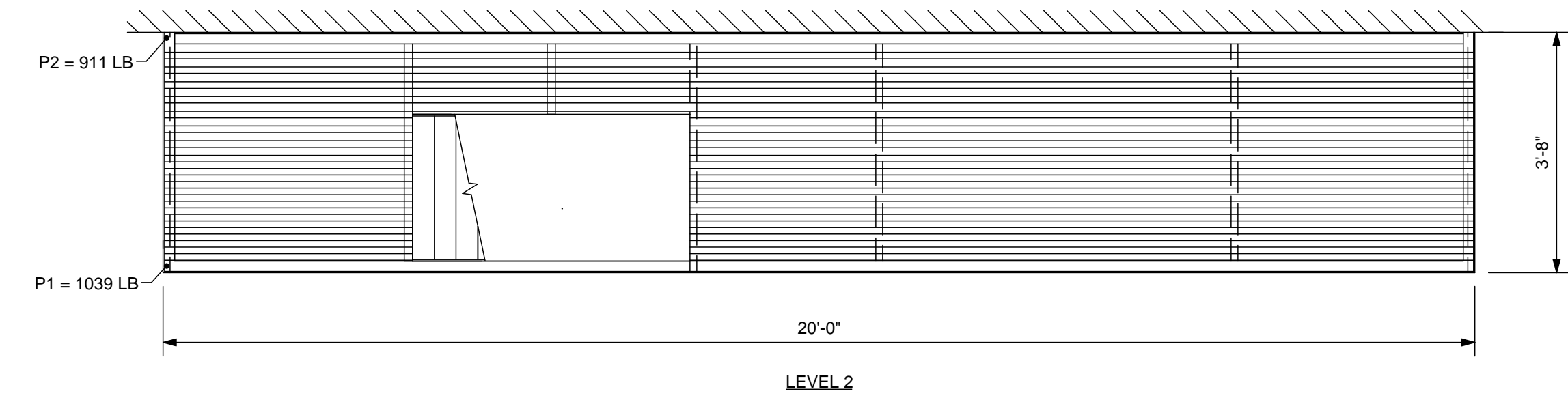
B GUARDRAIL TEST SETUP
S2.0 NOT TO SCALE



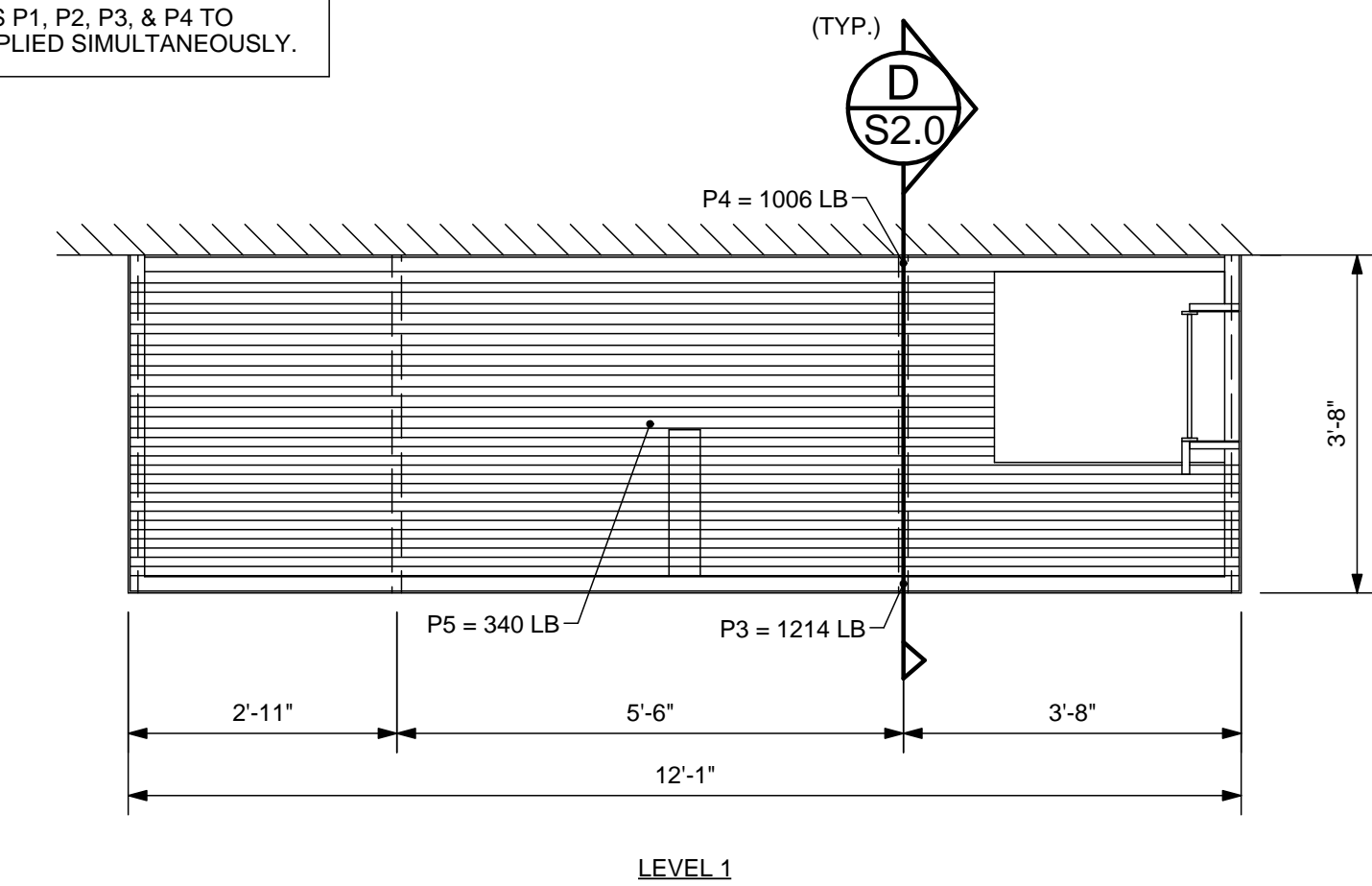
C FIRE ESCAPE GUARDRAIL PLANS
S2.0 SCALE: 1/2" = 1'-0"



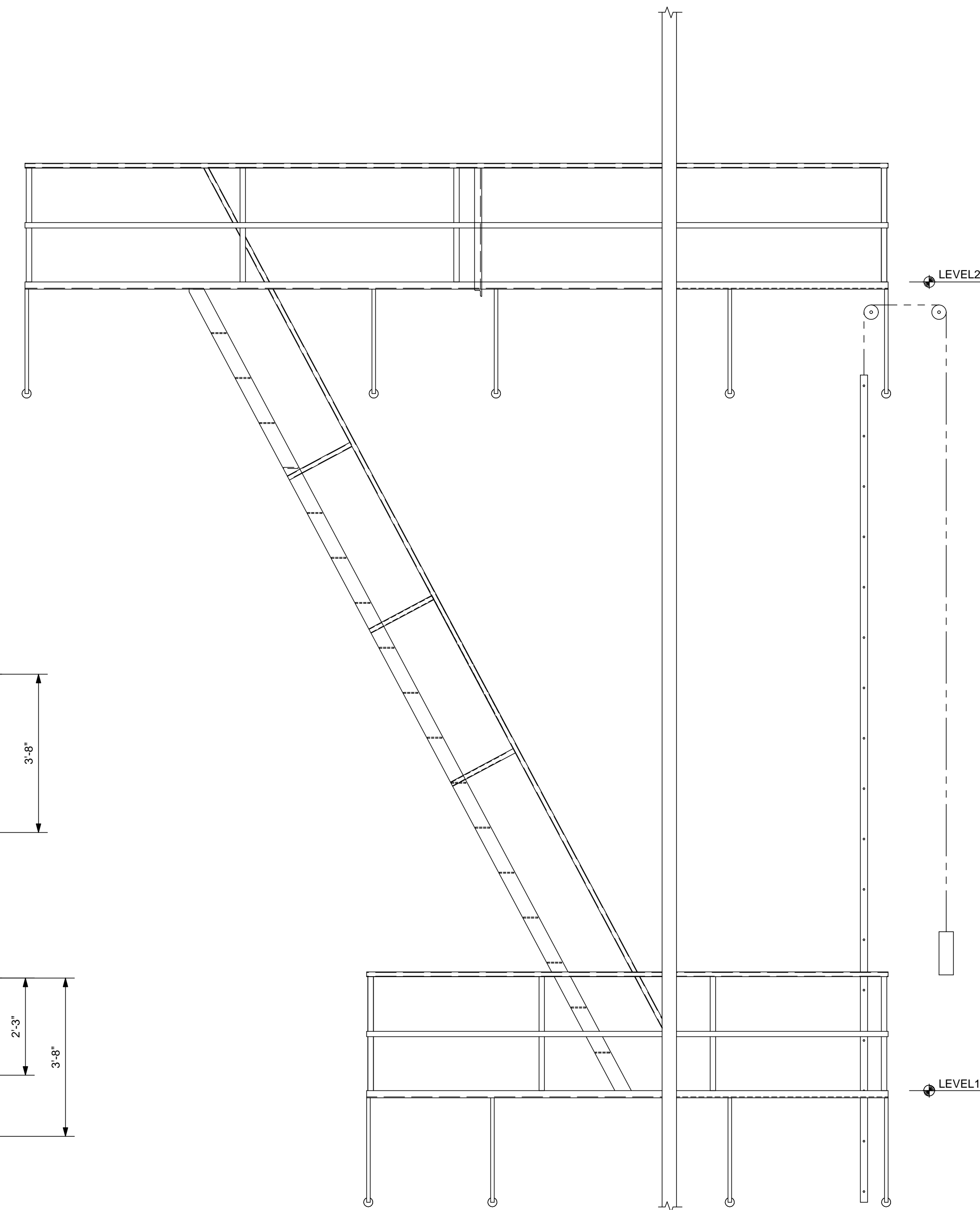
D SECTION @ LANDING SUPPORT BRACE
S2.0 SCALE: 1" = 1'-0"



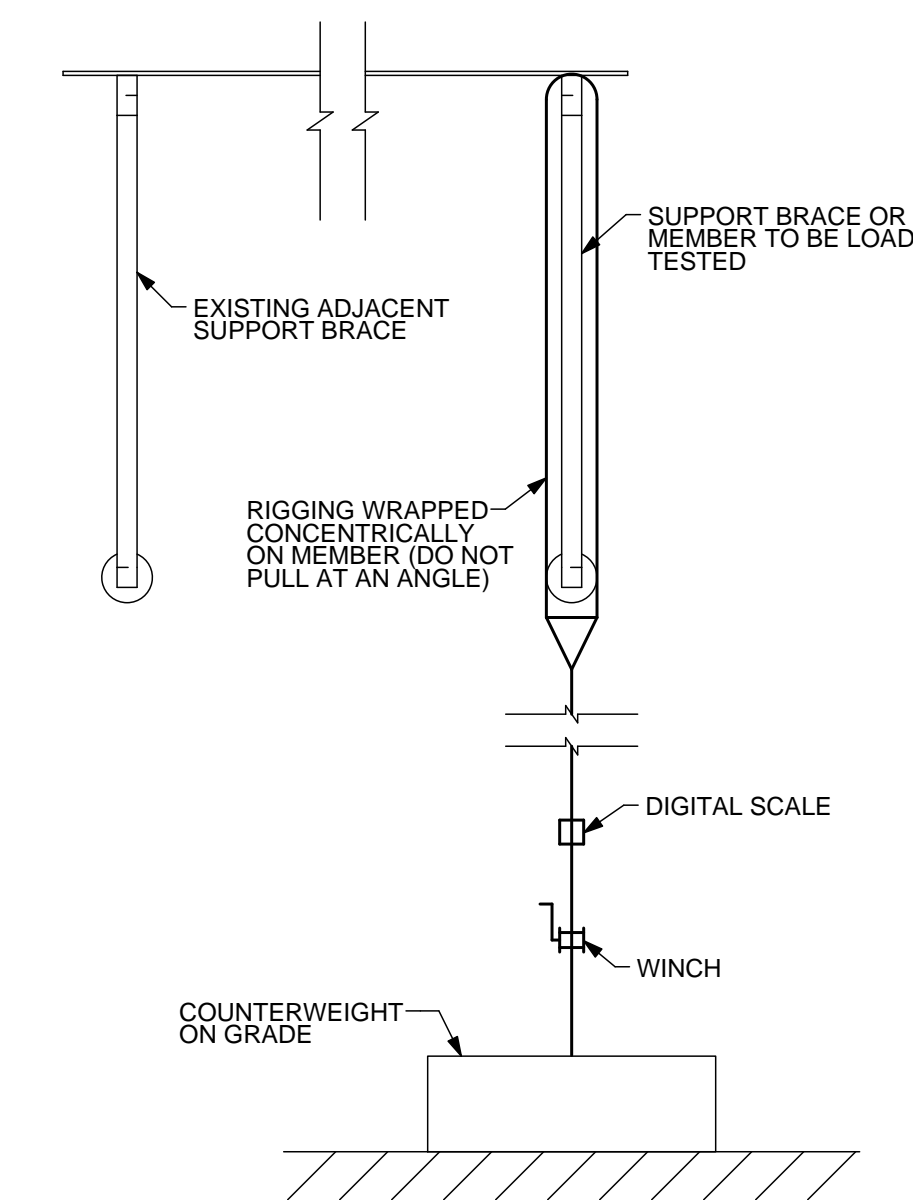
IMPORTANT NOTE:
LOADS P1, P2, P3, & P4 TO
BE APPLIED SIMULTANEOUSLY.



F FIRE ESCAPE PLANS
S2.0 SCALE: 1/2" = 1'-0"



E FIRE ESCAPE SECTION
S2.0 SCALE: 1/2" = 1'-0"



G GENERAL LOAD TEST SETUP
S2.0 SCALE: 1" = 1'-0"

REVISIONS	No.	DATE	DESCRIPTION

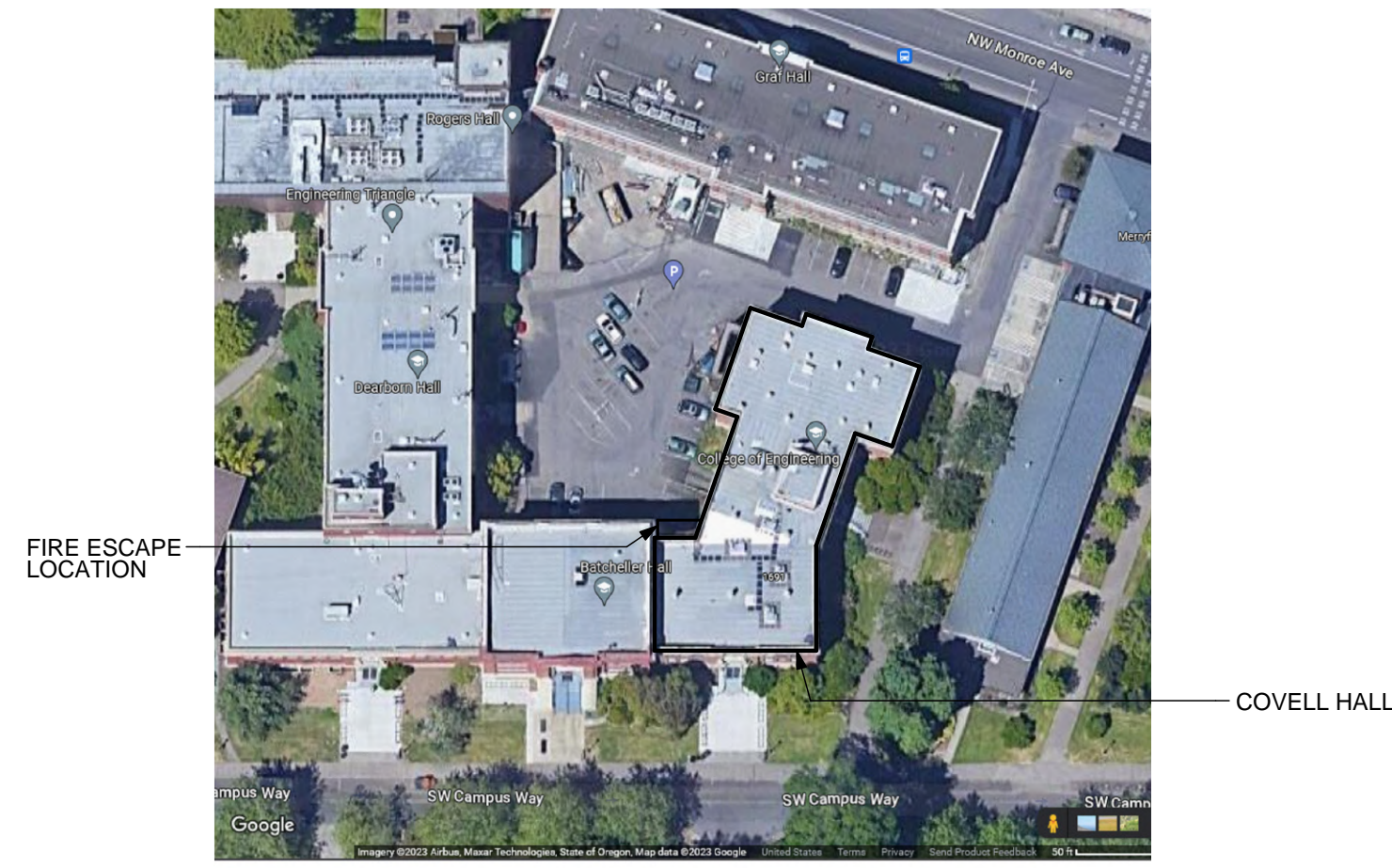
PROJECT: **OSU FIRE ESCAPES**
LOCATION: **1650 SW PIONEER PL CORVALLIS, OREGON**

SHEET TITLE: **COMMUNITY HALL WEST FIRE ESCAPE PLANS & ELEVATION**
CLIENT: **OREGON STATE UNIVERSITY**

STABILITY ENGINEERING INC.
777 NE 2ND ST. SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (503) 838-5360 FAX: (503) 838-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN
SHEET

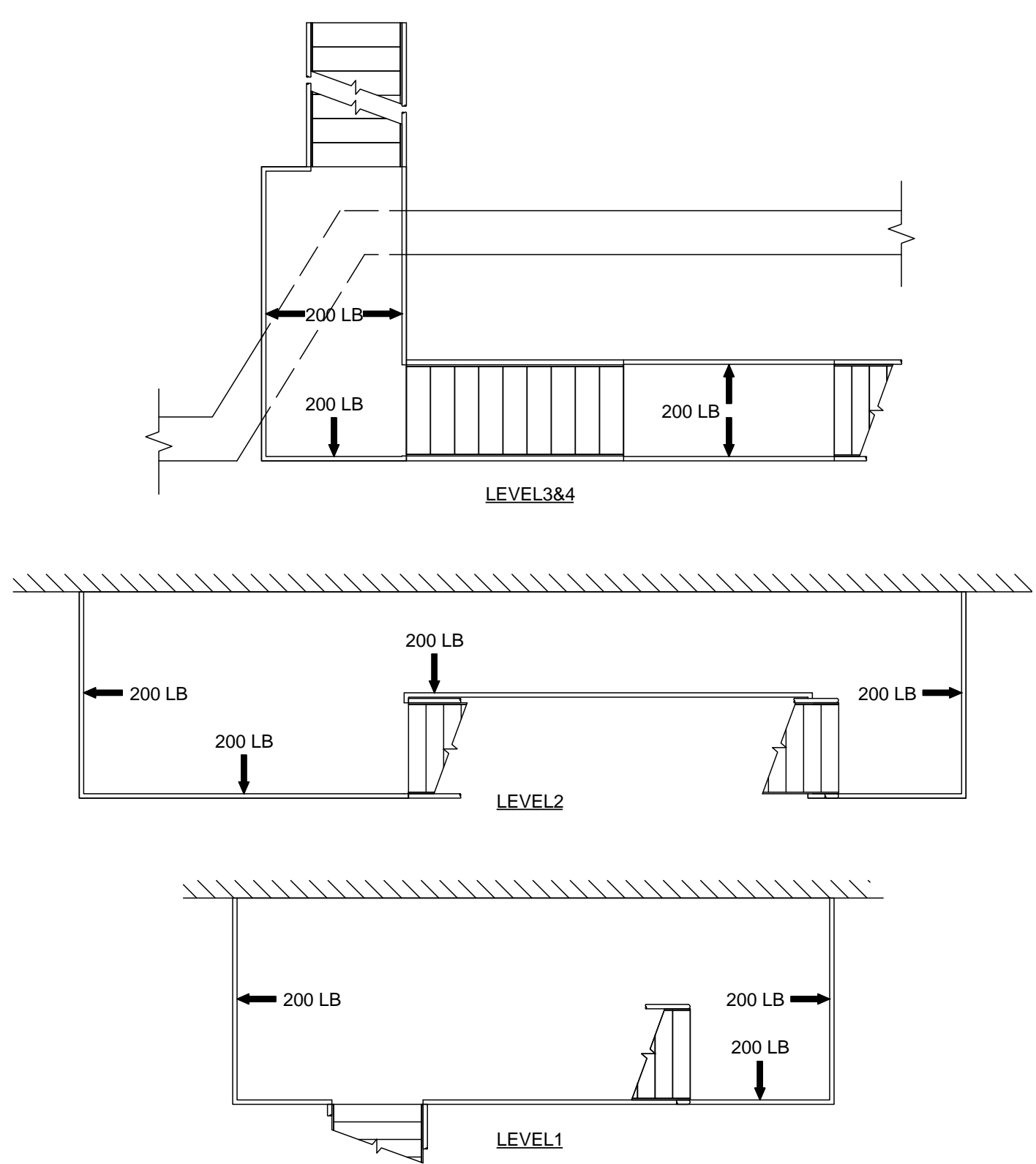
S2.0



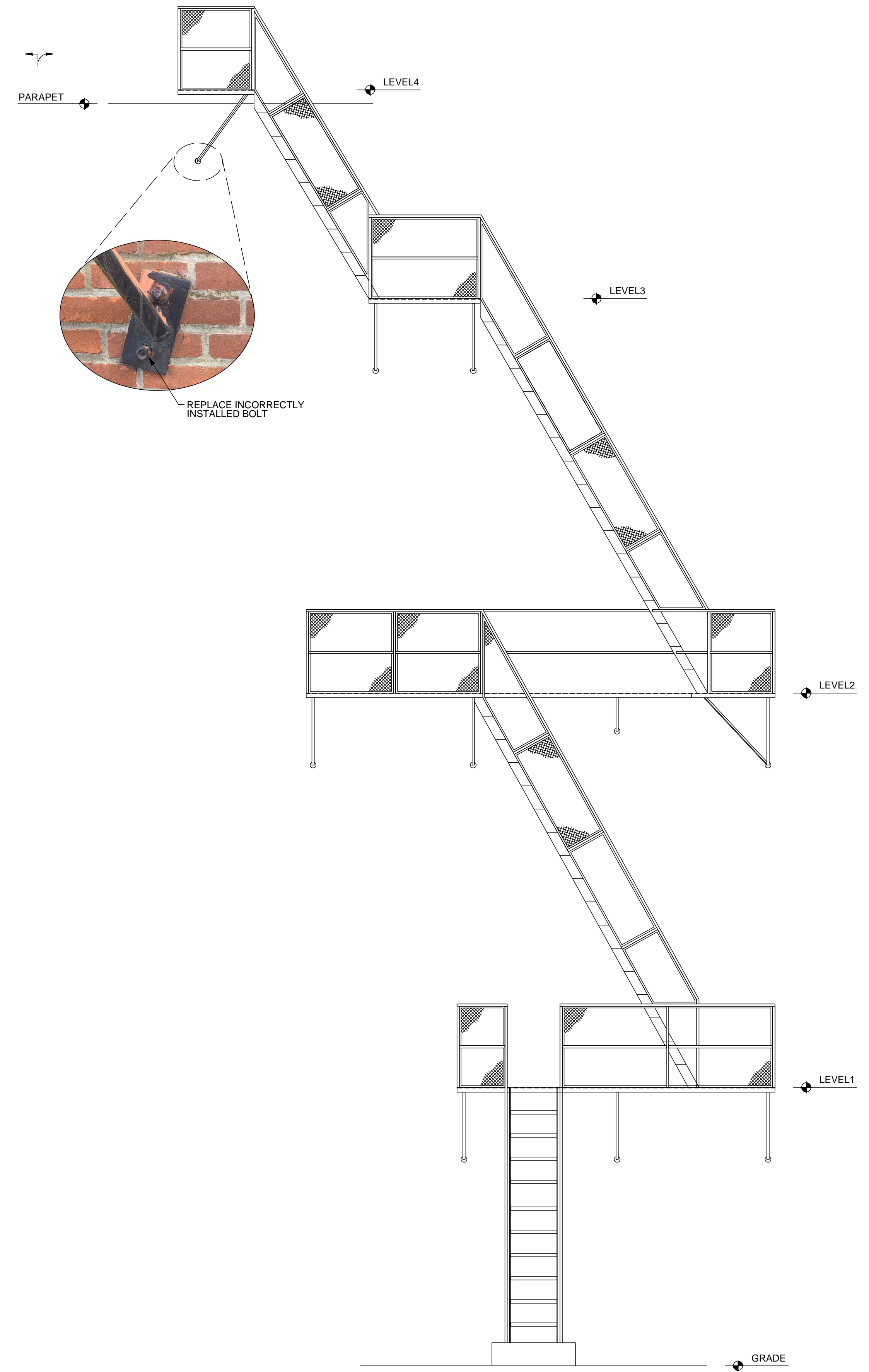
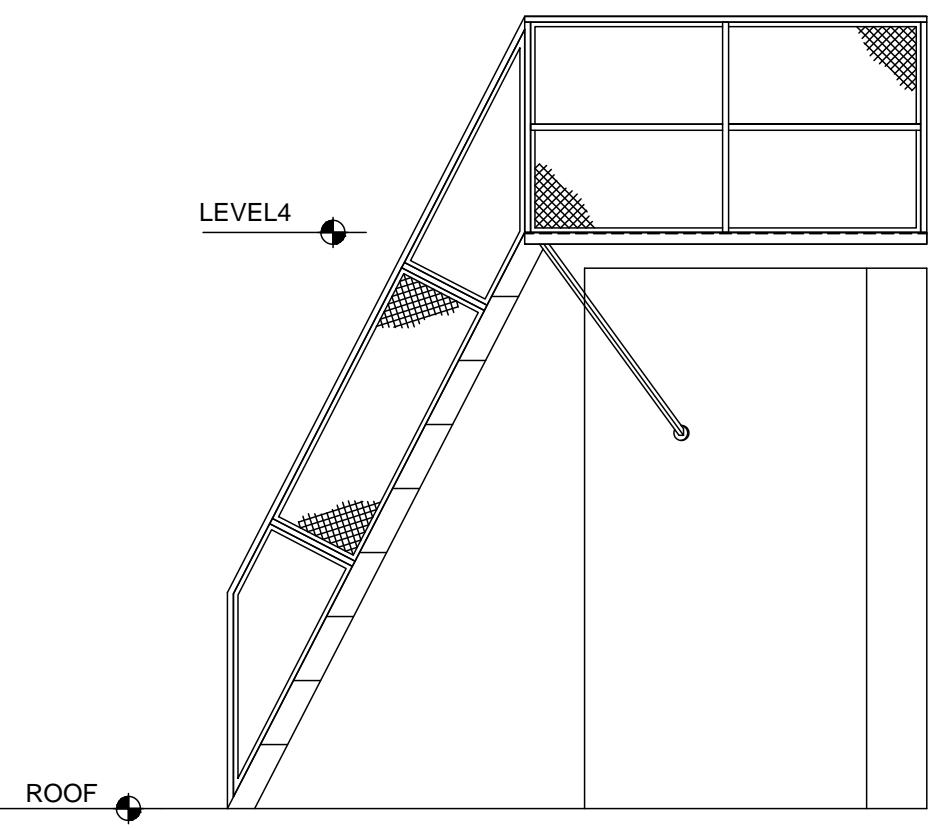
A FIRE ESCAPE SITE PLAN
S3.0 NO SCALE

CONSTRUCTION NOTES:

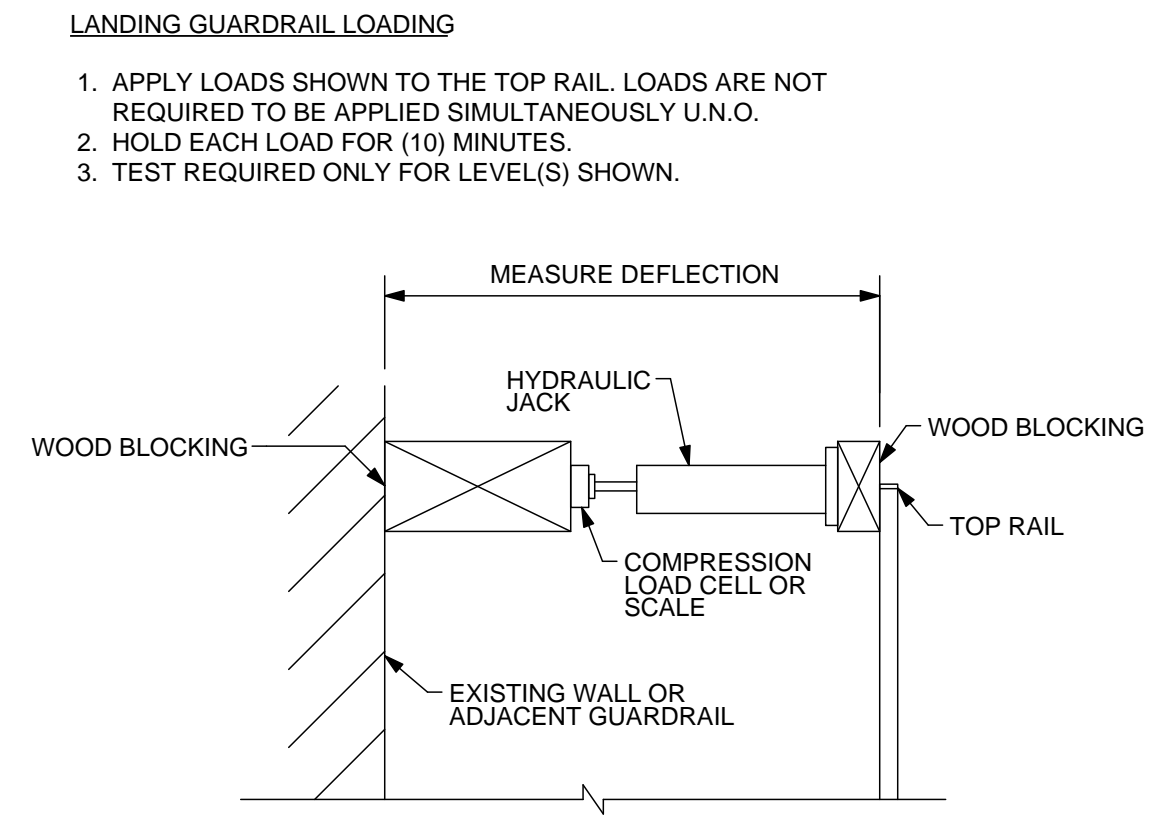
- ALL MEMBERS ARE TO BE PAINTED USING ONE OF THE COATINGS BELOW:
 - ONE (1) COAT OF IRON OXIDE PRIMER, FOLLOWED BY (1) COAT OF ALKYD ENAMEL FINISH.
 - ONE (1) COAT OF A SINGLE COAT PAINT SUCH AS "HAMMERITE" BRAND PAINT, AMERSHIELD POLYESTER-ACRYLIC ALIPHATIC POLYURETHANE, OR VAL-CHEM EPOXY MASTIC 75-W-9W.
 - ALTERNATIVE COATINGS OF PAINTS EQUIVALENT TO ABOVE LISTED ITEMS UPON APPROVAL BY THE ENGINEER OF RECORD.
- REMOVE MOSS AND DEBRIS. SCRAPE AND CLEAN OR SANDBLAST FIRE ESCAPE PRIOR TO PAINTING.
- NO VISIBLE RUST IS PERMITTED TO REMAIN ON FIRE ESCAPE MEMBERS.
- LOOSE ANCHORS TO BRICK ARE TO BE SOLID GROUTED WITH NON-SHRINK GROUT.



B FIRE ESCAPE GUARDRAIL PLANS
S3.0 SCALE: 3/8" = 1'-0"



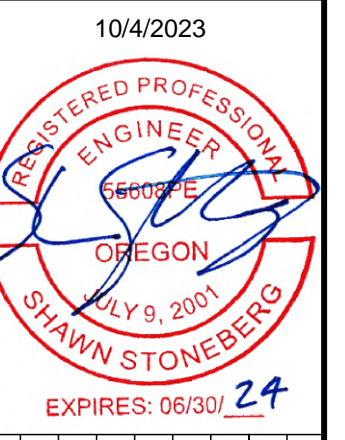
D FIRE ESCAPE ELEVATION
S3.0 SCALE: 3/8" = 1'-0"



C GUARDRAIL TEST SETUP
S3.0 NOT TO SCALE

LANDING GUARDRAIL LOADING

- APPLY LOADS SHOWN TO THE TOP RAIL. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY U.N.O.
- HOLD EACH LOAD FOR (10) MINUTES.
- TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.



REVISIONS	DESCRIPTION
No.	DATE

PROJECT: **OSU FIRE ESCAPES**
LOCATION: **1691 SW CAMPUS WAY CORVALLIS, OREGON**

SHEET TITLE: **COVELL HALL FIRE ESCAPE PLANS & ELEVATION**
CLIENT: **OREGON STATE UNIVERSITY**

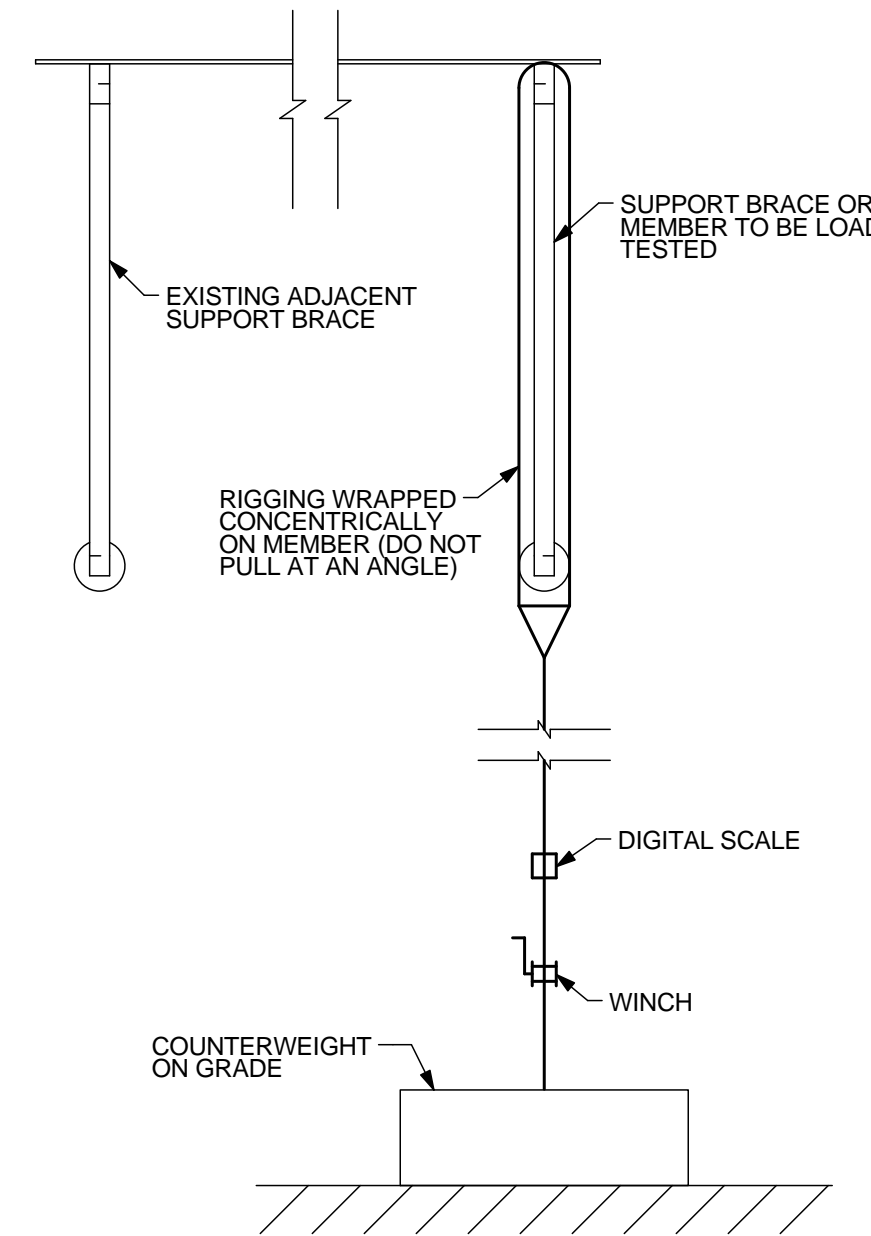
STABILITY ENGINEERING INC.
777 NE 2ND ST. SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (503) 838-5360 FAX: (503) 838-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN
SHEET

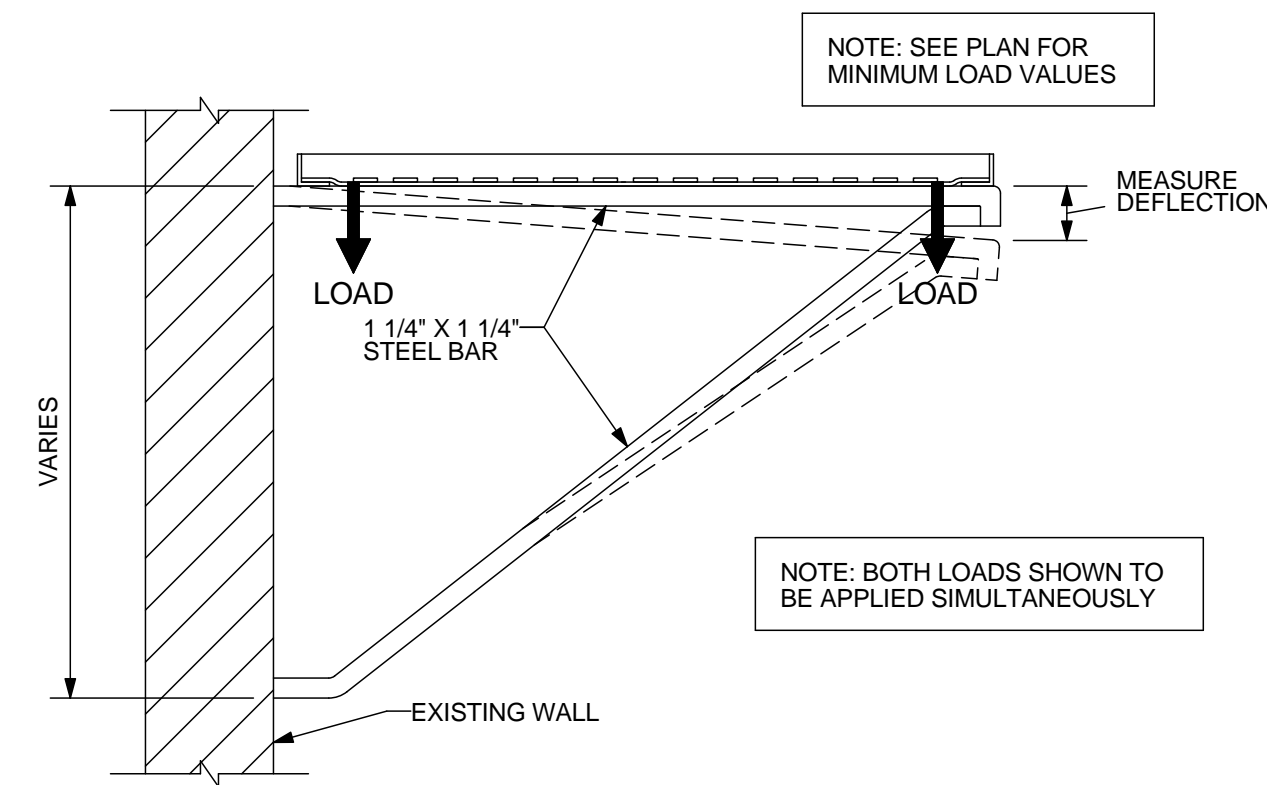
S3.0

GENERAL NOTES FOR LOAD TESTING

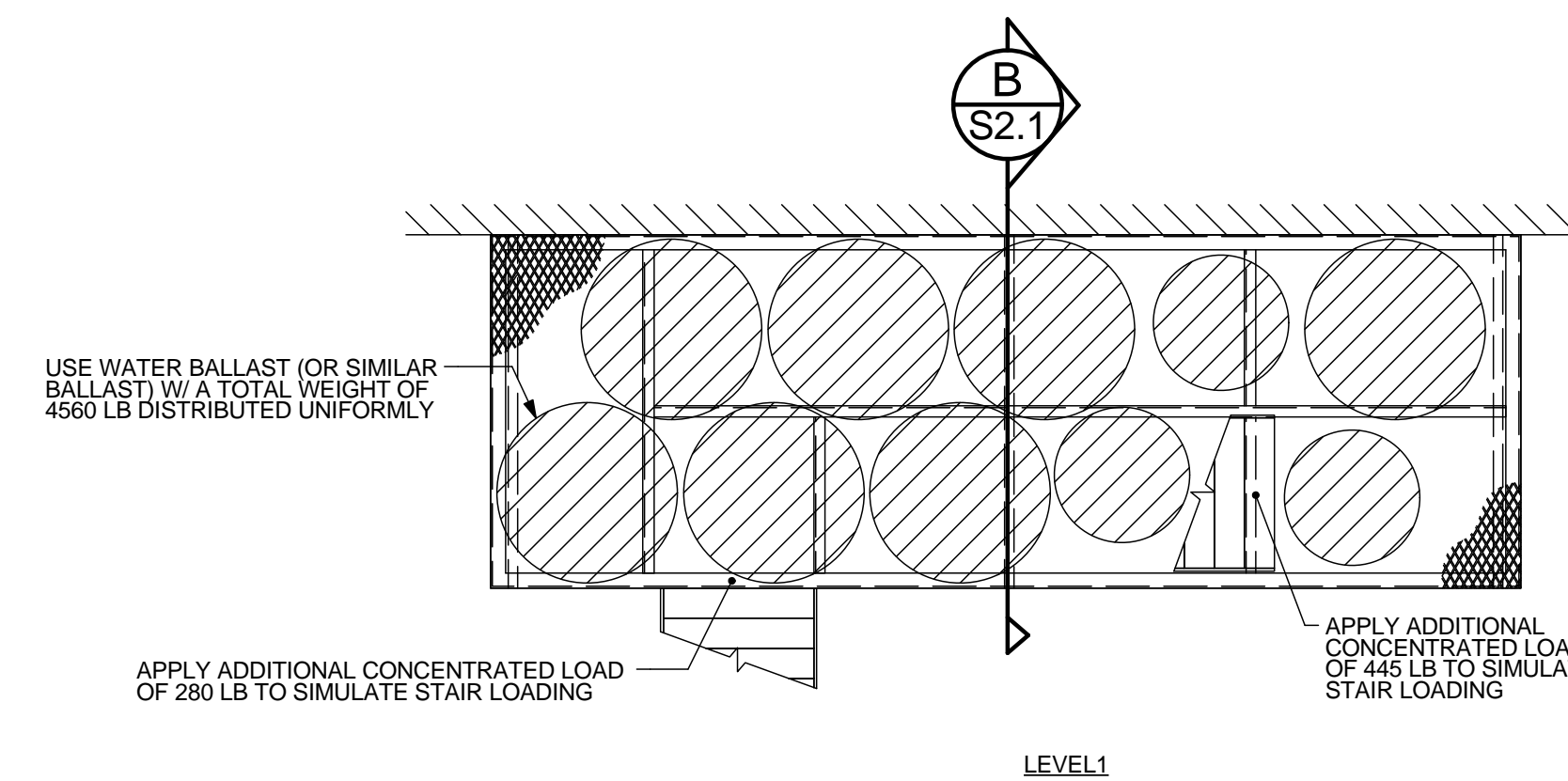
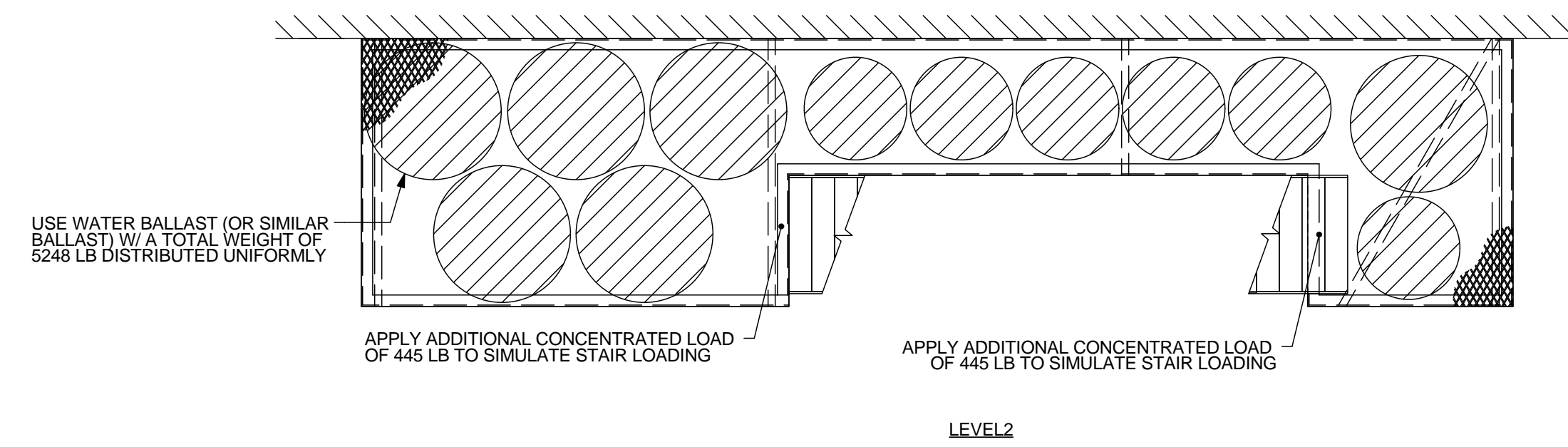
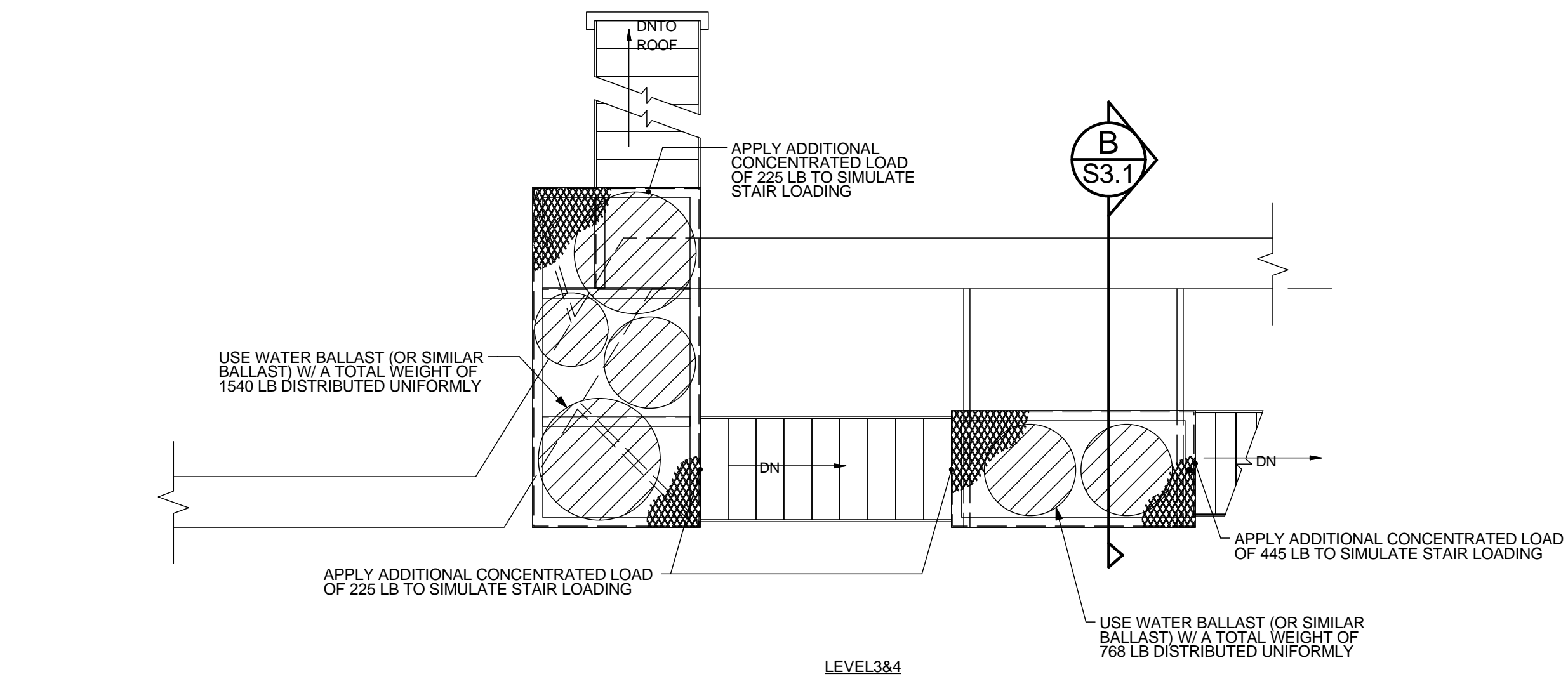
1. ALL TEST LOADING SHALL BE MONITORED USING CALIBRATED LOAD CELLS AND/OR SCALES.
2. DEFLECTIONS TO THE NEAREST 1/16TH INCH SHALL BE TAKEN FOR TESTED ELEMENTS. MEASUREMENTS SHALL BE TAKEN FROM FIXED REFERENCE POINTS OR REFERENCE POINTS NOTED ON THE TEST SETUP DETAILS.
3. THE ELEMENTS SHALL BE CONSIDERED TO HAVE SUCCESSFULLY PASSED THE LOAD TEST IF THE FOLLOWING CRITERIA ARE SATISFIED:
 - A. WITHIN ONE HOUR AFTER REMOVAL OF TEST LOAD, THE STRUCTURE SHALL HAVE RECOVERED NOT LESS THAN 75 PERCENT OF THE MAXIMUM DEFLECTION UNLESS NOTED OTHERWISE.
 - B. DURING AND IMMEDIATELY AFTER THE TEST, THE STRUCTURE SHALL NOT SHOW EVIDENCE OF FAILURE.
4. THE TESTING AGENCY PERFORMING THE LOAD TEST SHALL NOTIFY THE E.O.R. AT LEAST TWO DAYS PRIOR TO LOAD TESTING. THE E.O.R. IS REQUIRED TO OBSERVE THE LOAD TESTING BEING PERFORMED.
5. HOLD EACH LOAD FOR 1 HOUR, UNLESS NOTED OTHERWISE.
6. TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.
7. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY UNLESS NOTED OTHERWISE.



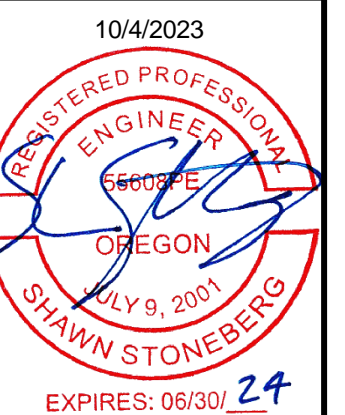
A GENERAL LOAD TEST SETUP
S3.1 SCALE: 1" = 1'-0"



B SECTION @ LANDING SUPPORT BRACE
S3.1 SCALE: 1" = 1'-0"



C FIRE ESCAPE PLANS
S3.1 SCALE: 1/2" = 1'-0"



REVISIONS	No.	DATE	DESCRIPTION

PROJECT: **OSU FIRE ESCAPES**
LOCATION: **1601 SW JEFFERSON WAY CORVALLIS, OREGON**

SHEET TITLE: **COVELL HALL FIRE ESCAPE TESTING DETAILS**
CLIENT: **OREGON STATE UNIVERSITY**

STABILITY ENGINEERING INC.
777 NE 2ND ST, SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (541)223-5360 FAX: (541)223-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN

SHEET **S3.1**



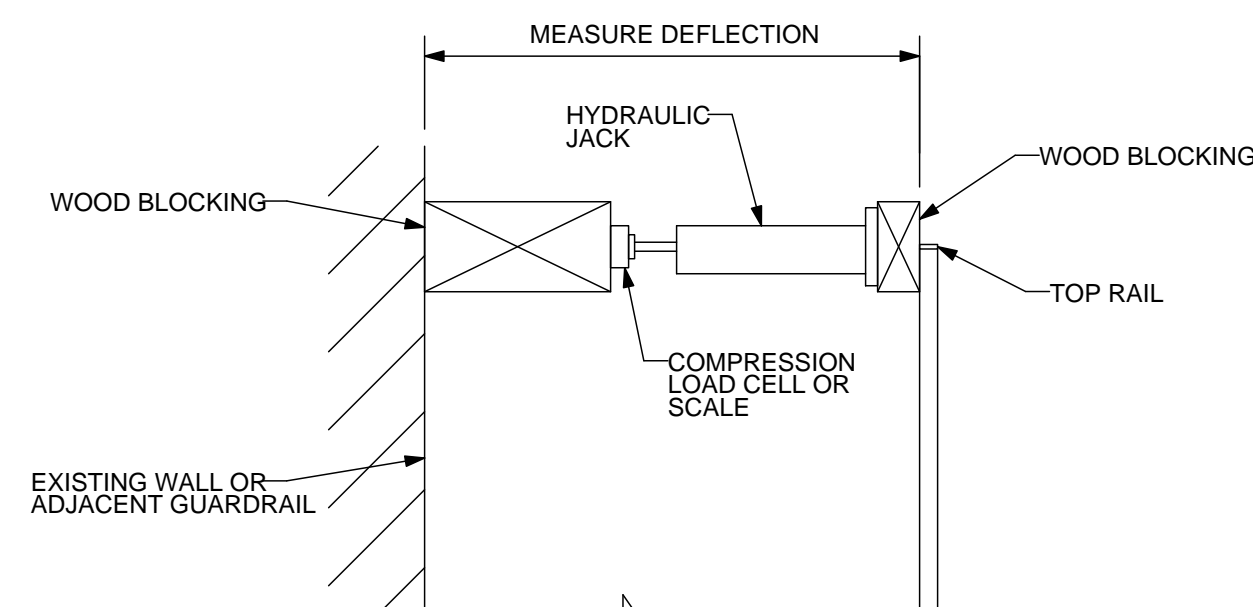
A FIRE ESCAPE SITE PLAN
S4.0 NO SCALE

GENERAL NOTES FOR LOAD TESTING

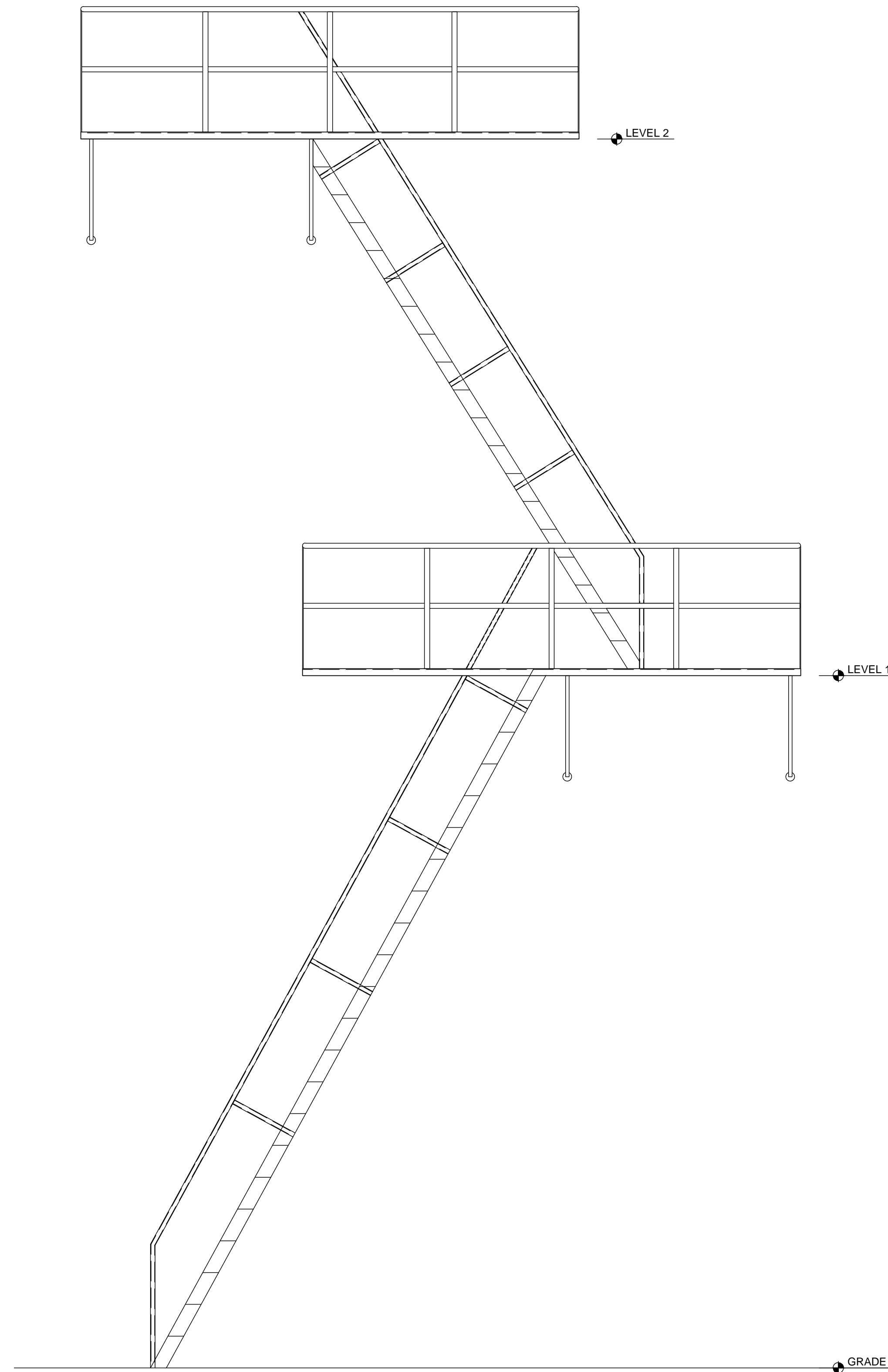
1. ALL TEST LOADING SHALL BE MONITORED USING CALIBRATED LOAD CELLS AND/OR SCALES.
2. DEFLECTIONS TO THE NEAREST 1/16TH INCH SHALL BE TAKEN FOR TESTED ELEMENTS. MEASUREMENTS SHALL BE TAKEN FROM FIXED REFERENCE POINTS OR REFERENCE POINTS NOTED ON THE TEST SETUP DETAILS.
3. THE ELEMENTS SHALL BE CONSIDERED TO HAVE SUCCESSFULLY PASSED THE LOAD TEST IF THE FOLLOWING CRITERIA ARE SATISFIED:
 - A. WITHIN ONE HOUR AFTER REMOVAL OF TEST LOAD, THE STRUCTURE SHALL HAVE RECOVERED NOT LESS THAN 75 PERCENT OF THE MAXIMUM DEFLECTION UNLESS NOTED OTHERWISE.
 - B. DURING AND IMMEDIATELY AFTER THE TEST, THE STRUCTURE SHALL NOT SHOW EVIDENCE OF FAILURE.
4. THE TESTING AGENCY PERFORMING THE LOAD TEST SHALL NOTIFY THE E.O.R. AT LEAST TWO DAYS PRIOR TO LOAD TESTING. THE E.O.R. IS REQUIRED TO OBSERVE THE LOAD TESTING BEING PERFORMED.
5. HOLD EACH LOAD FOR 1 HOUR, UNLESS NOTED OTHERWISE.
6. TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.
7. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY UNLESS NOTED OTHERWISE.

LANDING GUARDRAIL LOADING

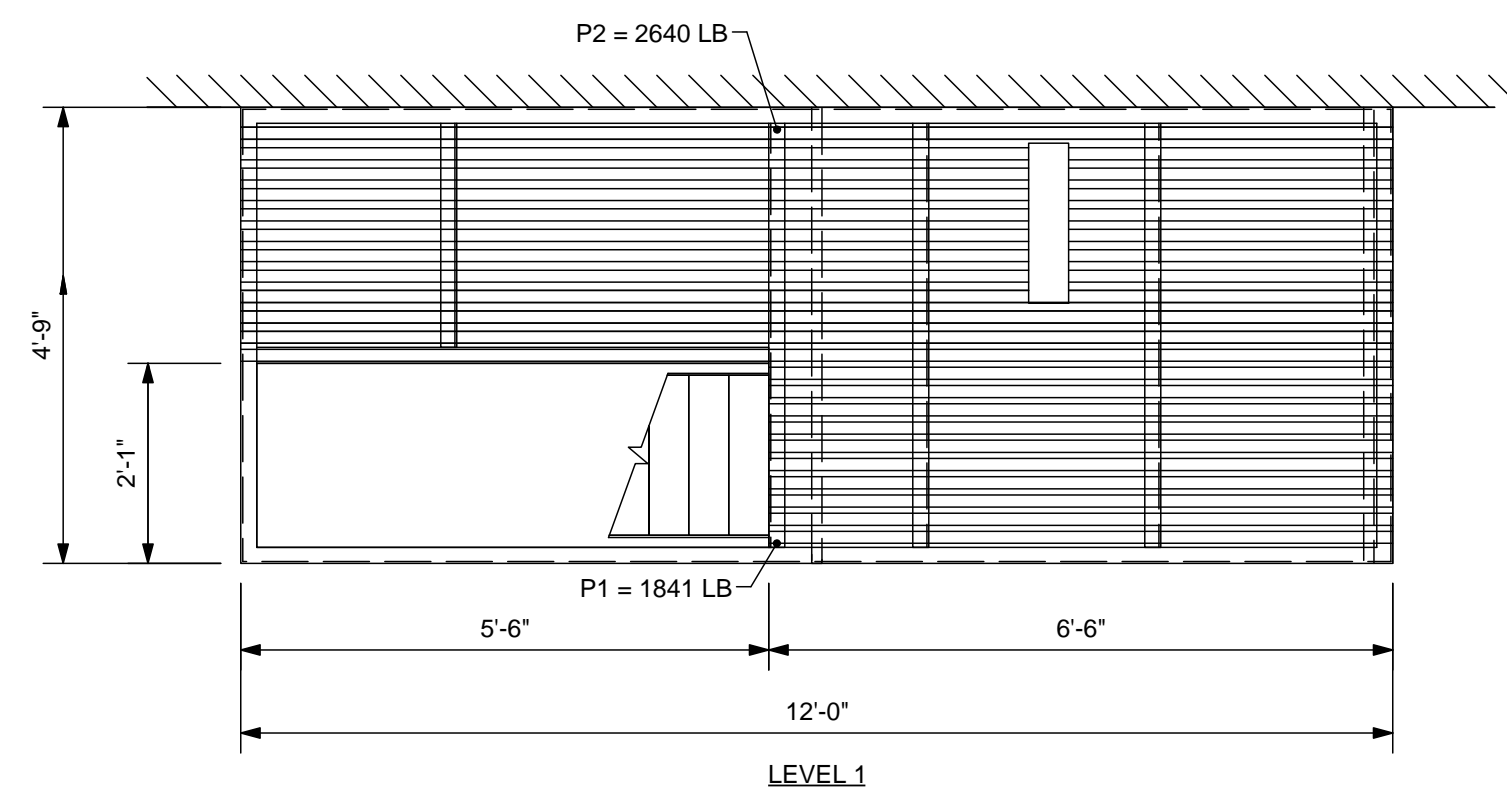
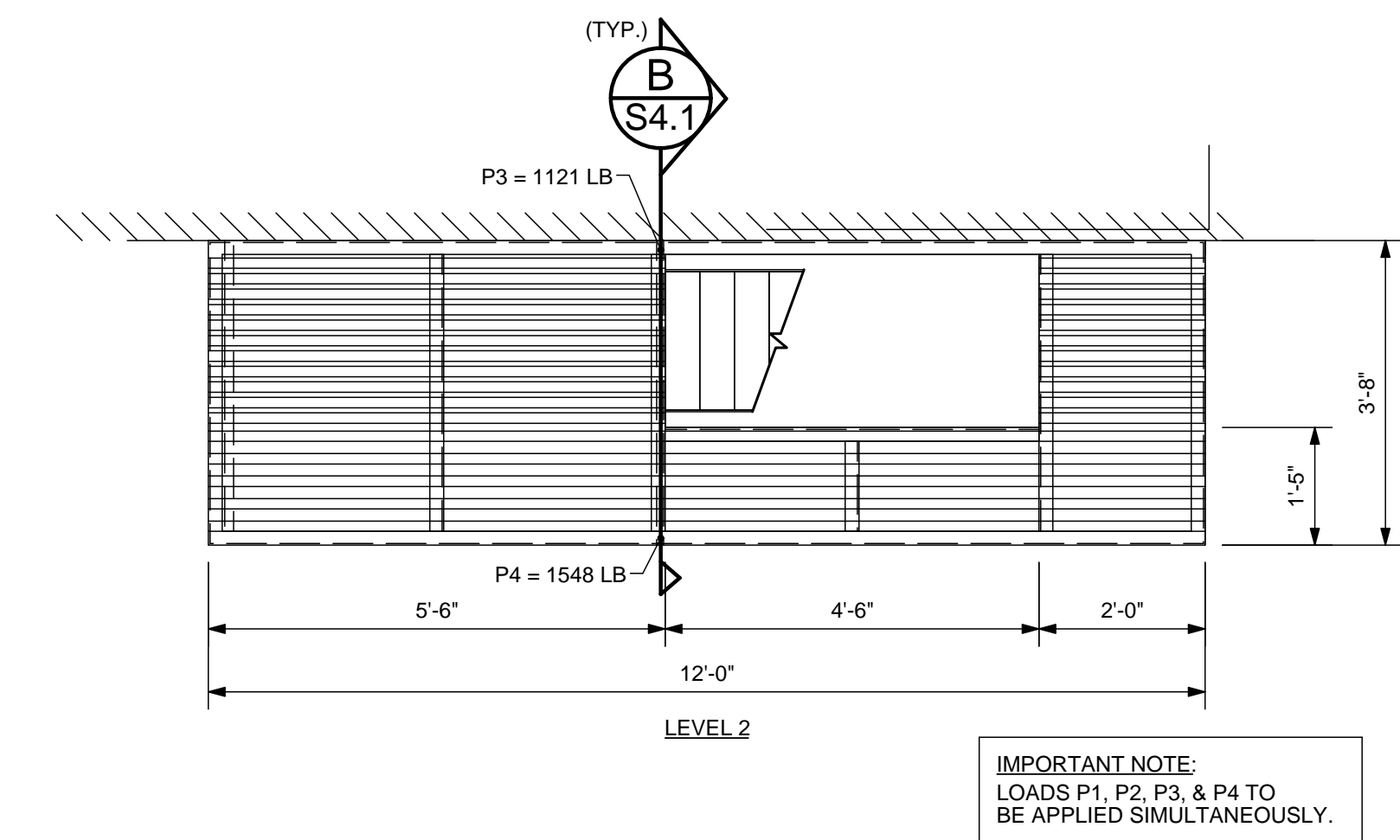
1. APPLY LOADS SHOWN TO THE TOP RAIL. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY U.N.O.
2. HOLD EACH LOAD FOR (10) MINUTES.
3. TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.



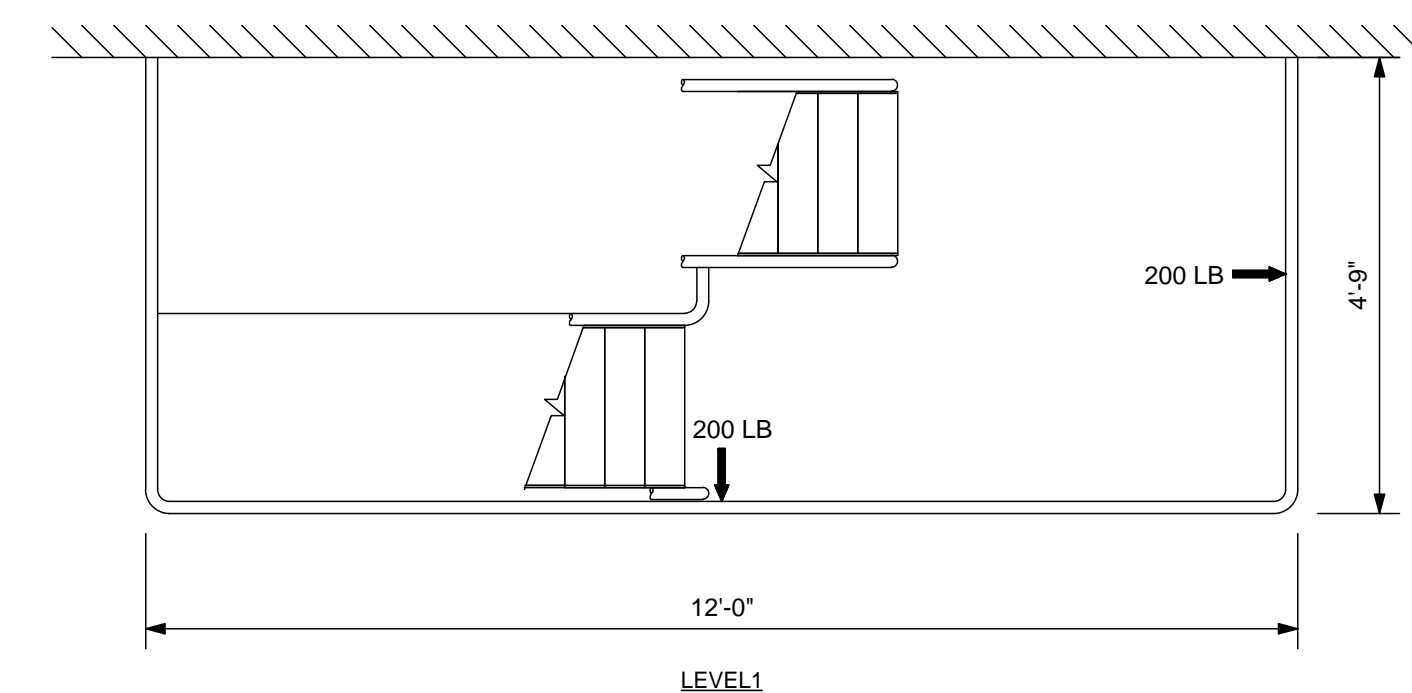
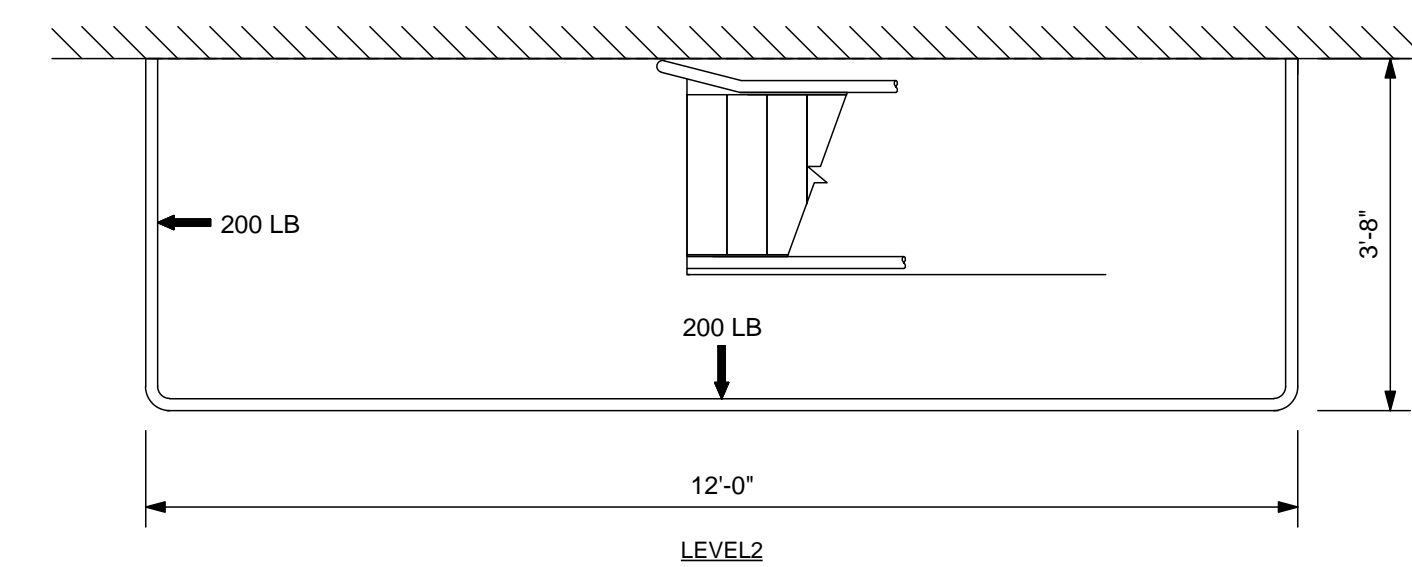
B GUARDRAIL TEST SETUP
S4.0 SCALE: 1/2" = 1'-0"



C NORTH FIRE ESCAPE ELEVATION
S4.0 SCALE: 1/2" = 1'-0"



D NORTH FIRE ESCAPE PLANS
S4.0 SCALE: 1/2" = 1'-0"



E NORTH FIRE ESCAPE GUARDRAIL PLANS
S4.0 SCALE: 1/2" = 1'-0"



REVISIONS	No.	DATE	DESCRIPTION

PROJECT: OSU FIRE ESCAPES
LOCATION: 450 SW 30TH ST CORVALLIS, OREGON

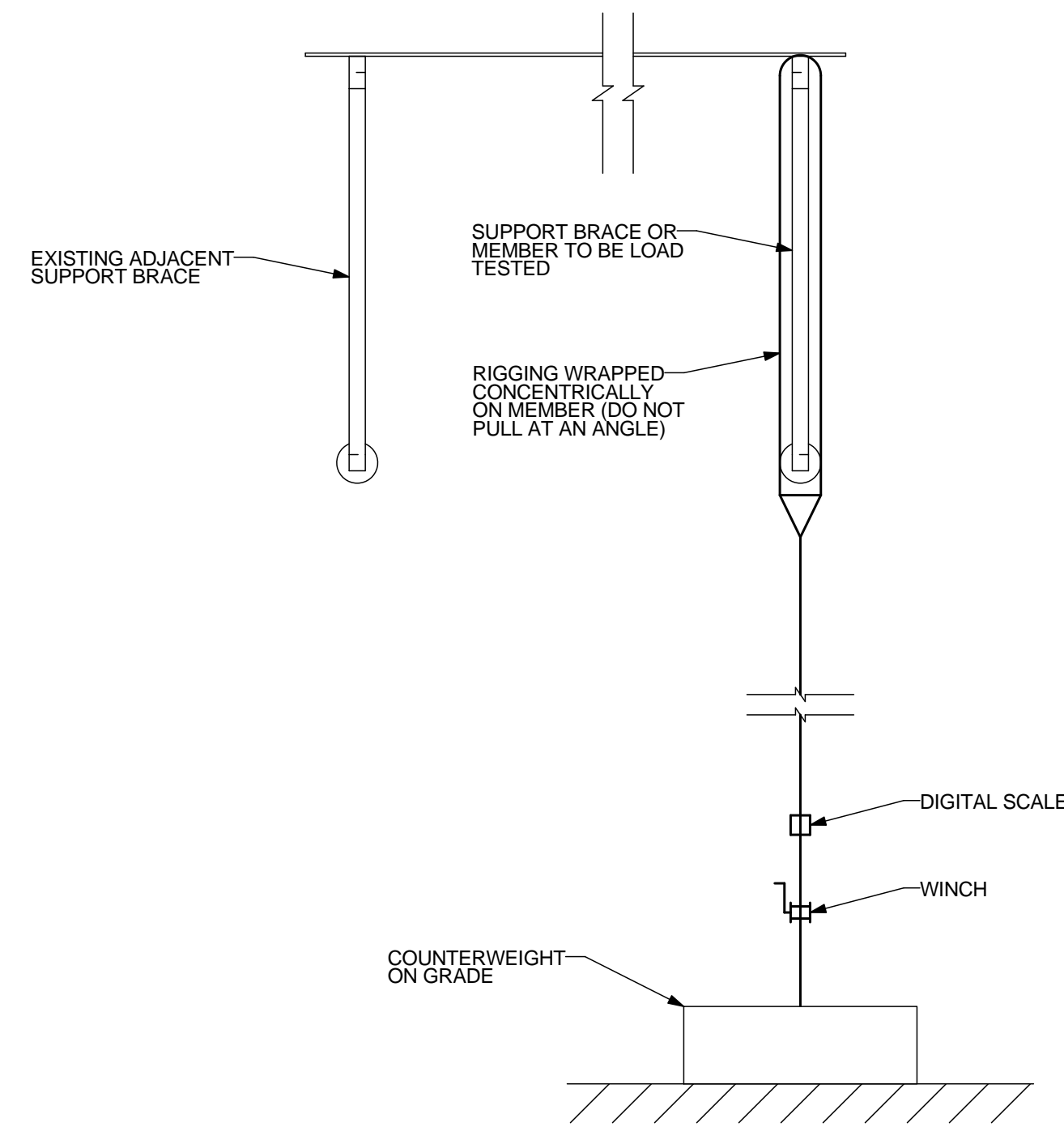
SHEET TITLE: DRYDEN HALL SITE PLAN & NORTH FIRE ESCAPE PLANS & ELEVATION
CLIENT: OREGON STATE UNIVERSITY

STABILITY ENGINEERING INC.
777 NE 2ND ST. SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (503) 839-5360 FAX: (503) 839-5278

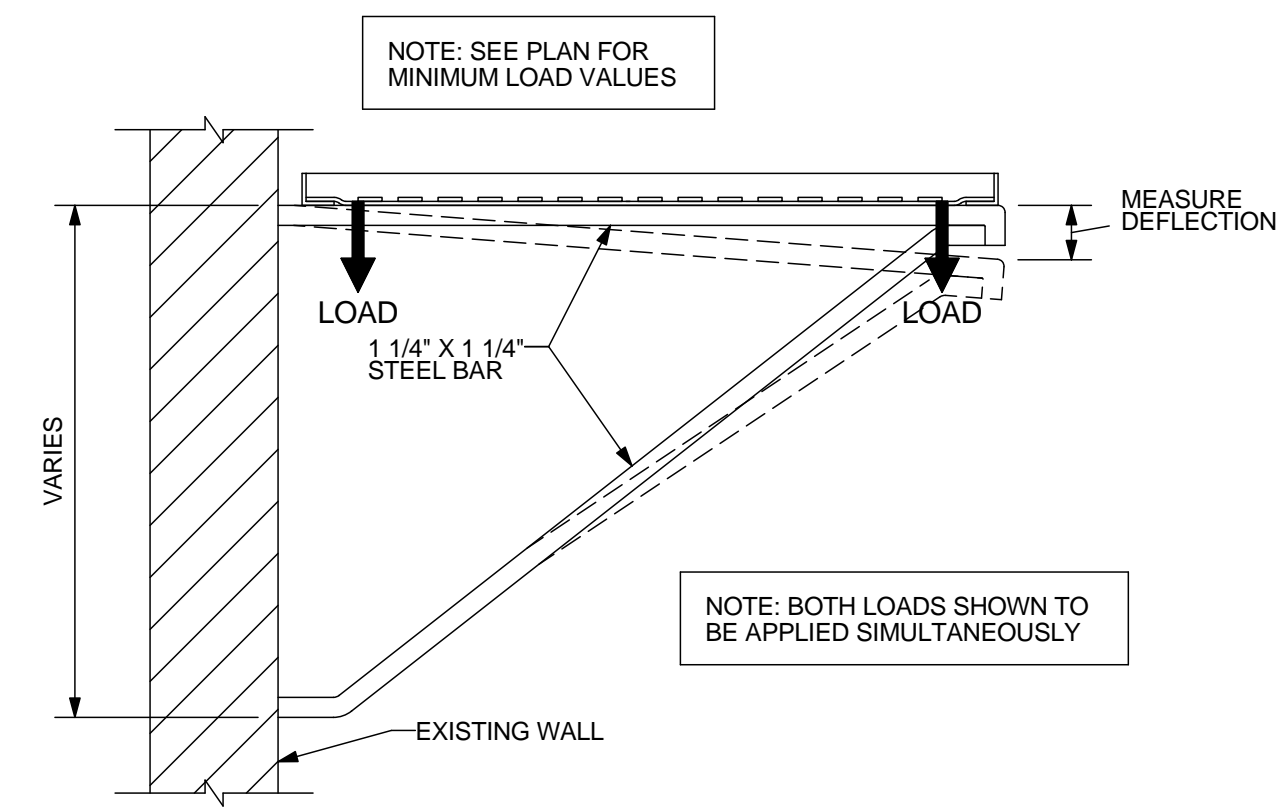
JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN
SHEET
S4.0

CONSTRUCTION NOTES:

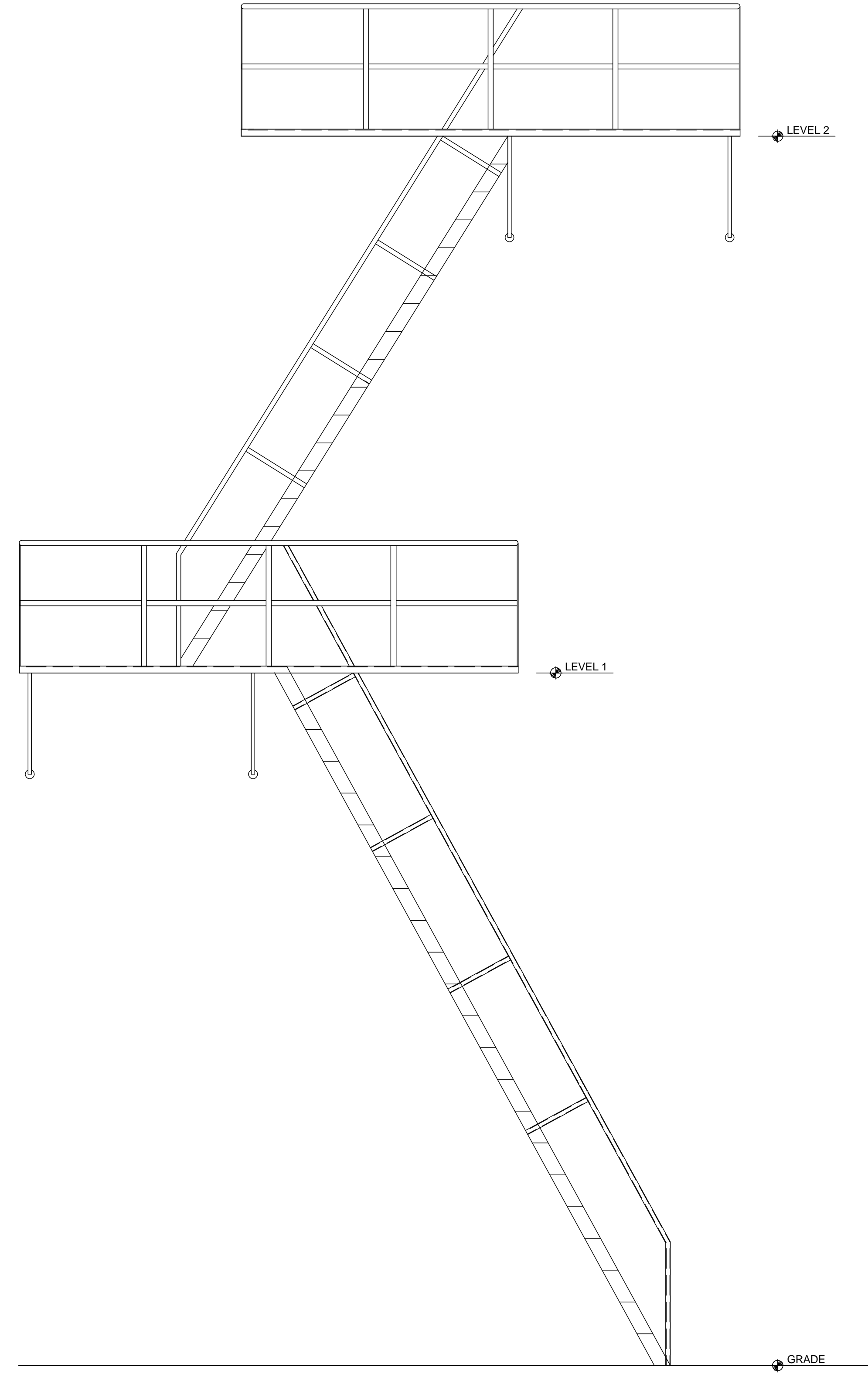
1. ALL MEMBERS ARE TO BE PAINTED USING ONE OF THE COATINGS BELOW:
 - A. ONE (1) COAT OF IRON OXIDE PRIMER, FOLLOWED BY (1) COAT OF ALKYD ENAMEL FINISH.
 - B. ONE (1) COAT OF A SINGLE COAT PAINT SUCH AS 'HAMMERITE' BRAND PAINT, AMERSHIELD POLYESTER-ACRYLIC ALIPHATIC POLYURETHANE, OR VAL-CHEM EPOXY MASTIC 75-W-9W.
 - C. ALTERNATIVE COATINGS OF PAINTS EQUIVALENT TO ABOVE LISTED ITEMS UPON APPROVAL BY THE ENGINEER OF RECORD.
2. REMOVE MOSS AND DEBRIS. SCRAPE AND CLEAN OR SANDBLAST FIRE ESCAPE PRIOR TO PAINTING.
3. NO VISIBLE RUST IS PERMITTED TO REMAIN ON FIRE ESCAPE MEMBERS.
4. LOOSE ANCHORS TO BRICK ARE TO BE SOLID GROUTED WITH NON-SHRINK GROUT.



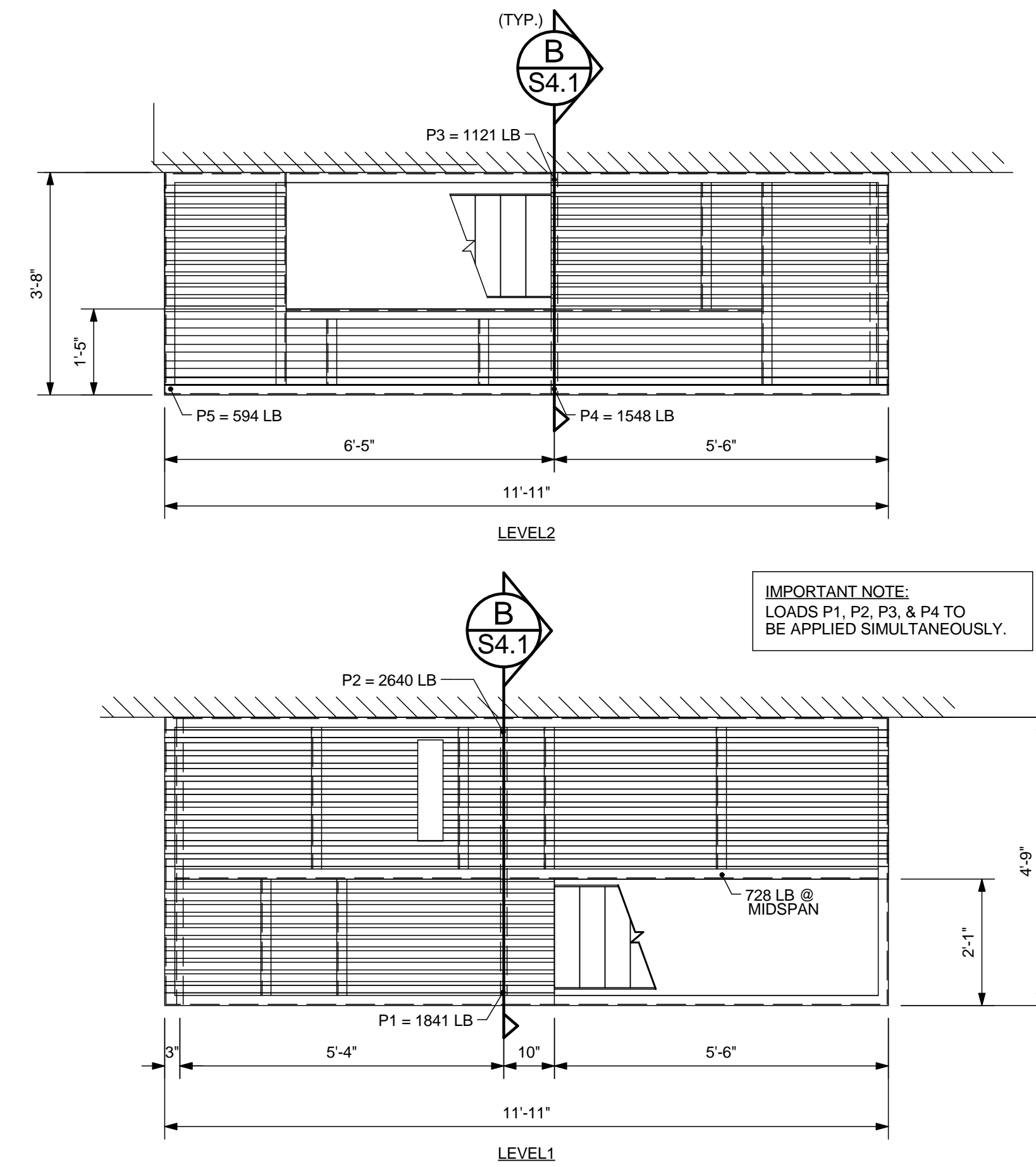
A
S4.1 GENERAL LOAD TEST SETUP
SCALE: 1" = 1'-0"



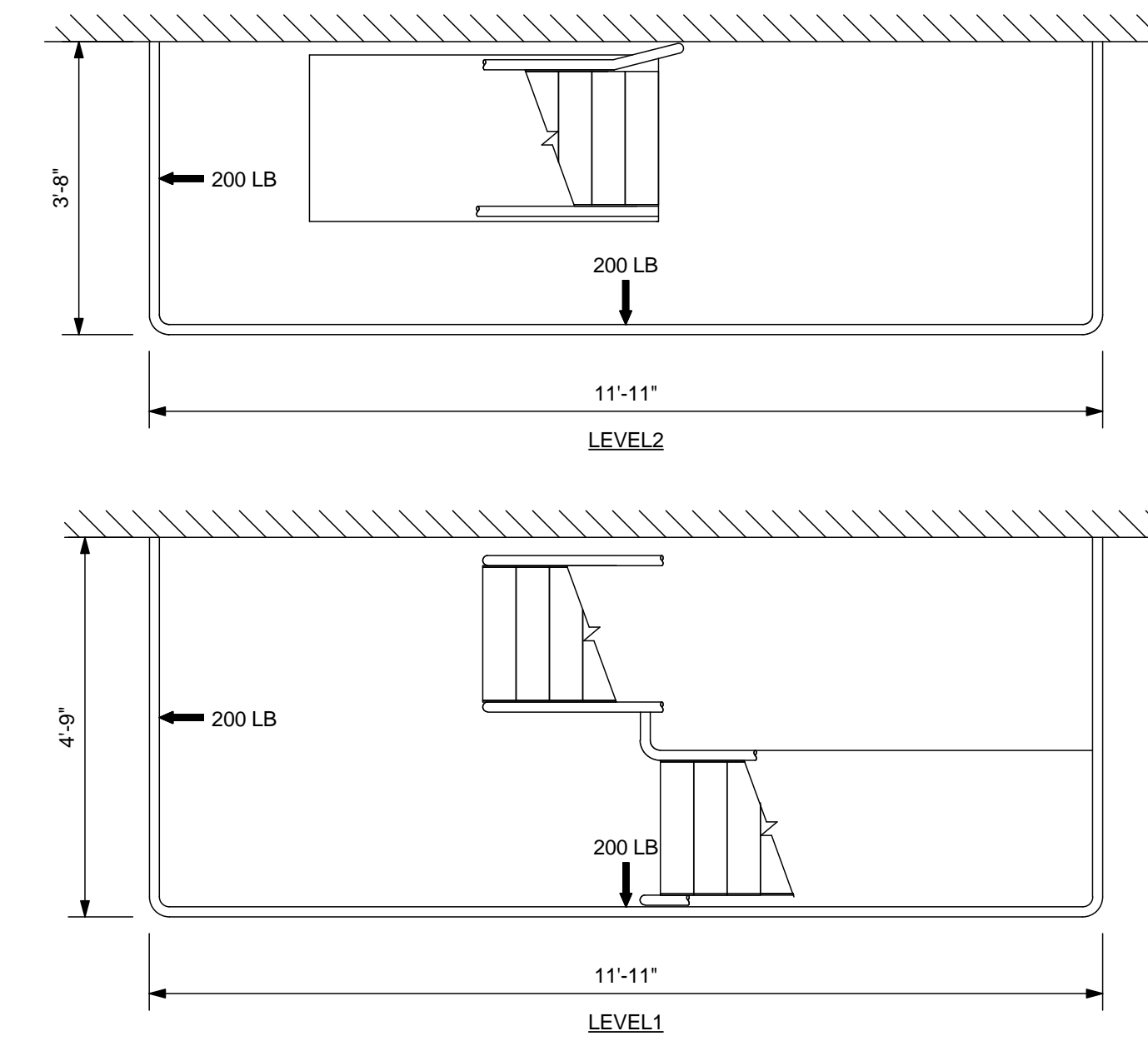
B
S4.1 SECTION @ LANDING SUPPORT BRACE
SCALE: 1" = 1'-0"



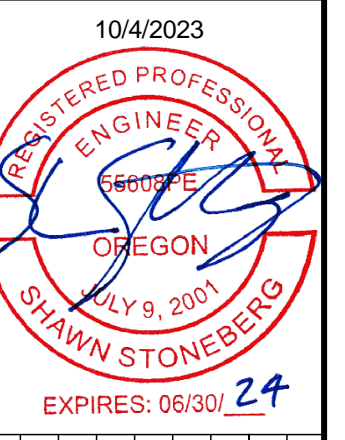
C
S4.1 SOUTH FIRE ESCAPE ELEVATION
SCALE: 1/2" = 1'-0"



D
S4.1 SOUTH FIRE ESCAPE PLANS
SCALE: 1/2" = 1'-0"



E
S4.1 SOUTH FIRE ESCAPE GUARDRAIL PLANS
SCALE: 1/2" = 1'-0"



REVISIONS	No.	DATE	DESCRIPTION

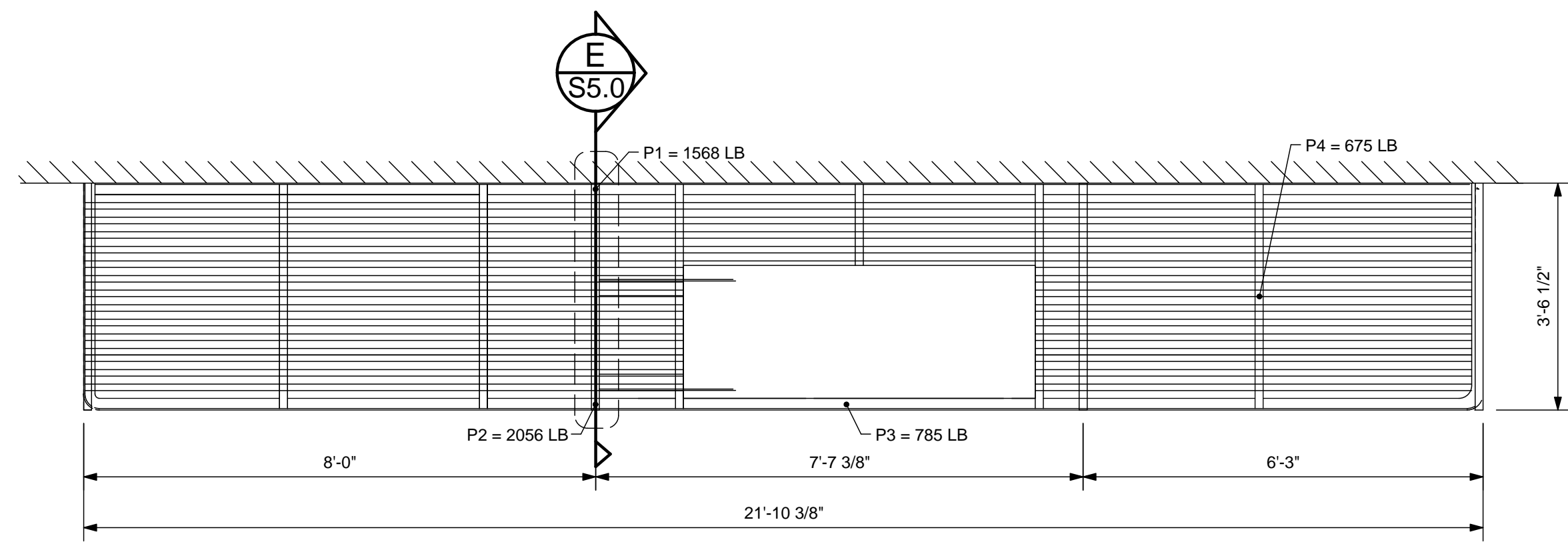
PROJECT: **OSU FIRE ESCAPES**
LOCATION: **450 SW 30TH ST CORVALLIS, OREGON**

SHEET TITLE: **DRYDEN HALL SOUTH FIRE ESCAPE PLANS, ELEVATIONS, & DETAILS**
CLIENT: **OREGON STATE UNIVERSITY**

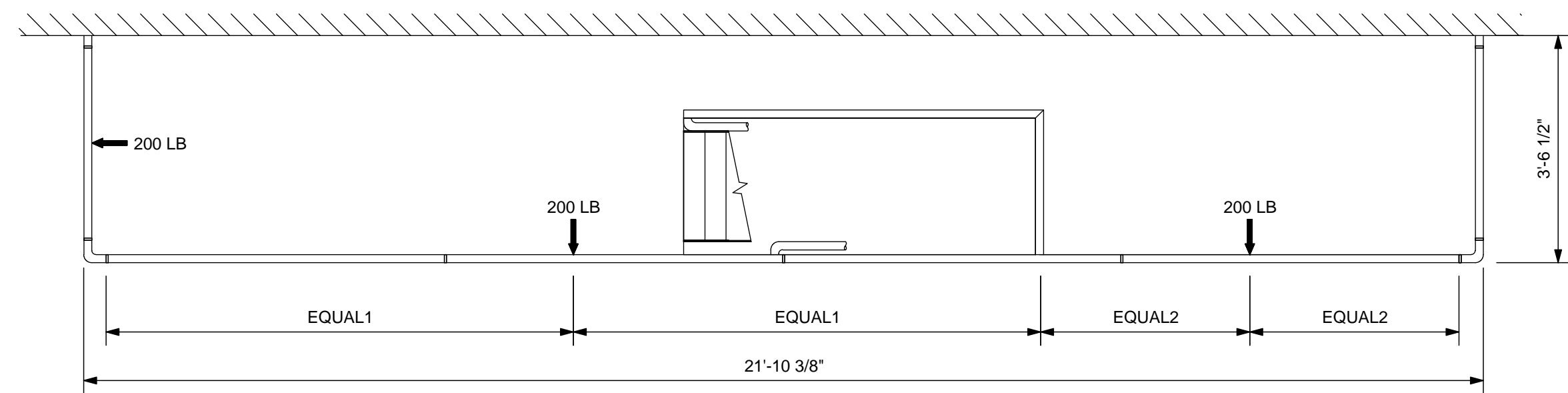
STABILITY ENGINEERING INC.
777 NE 2ND ST, SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL: (541)223-5360 FAX: (541)223-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN

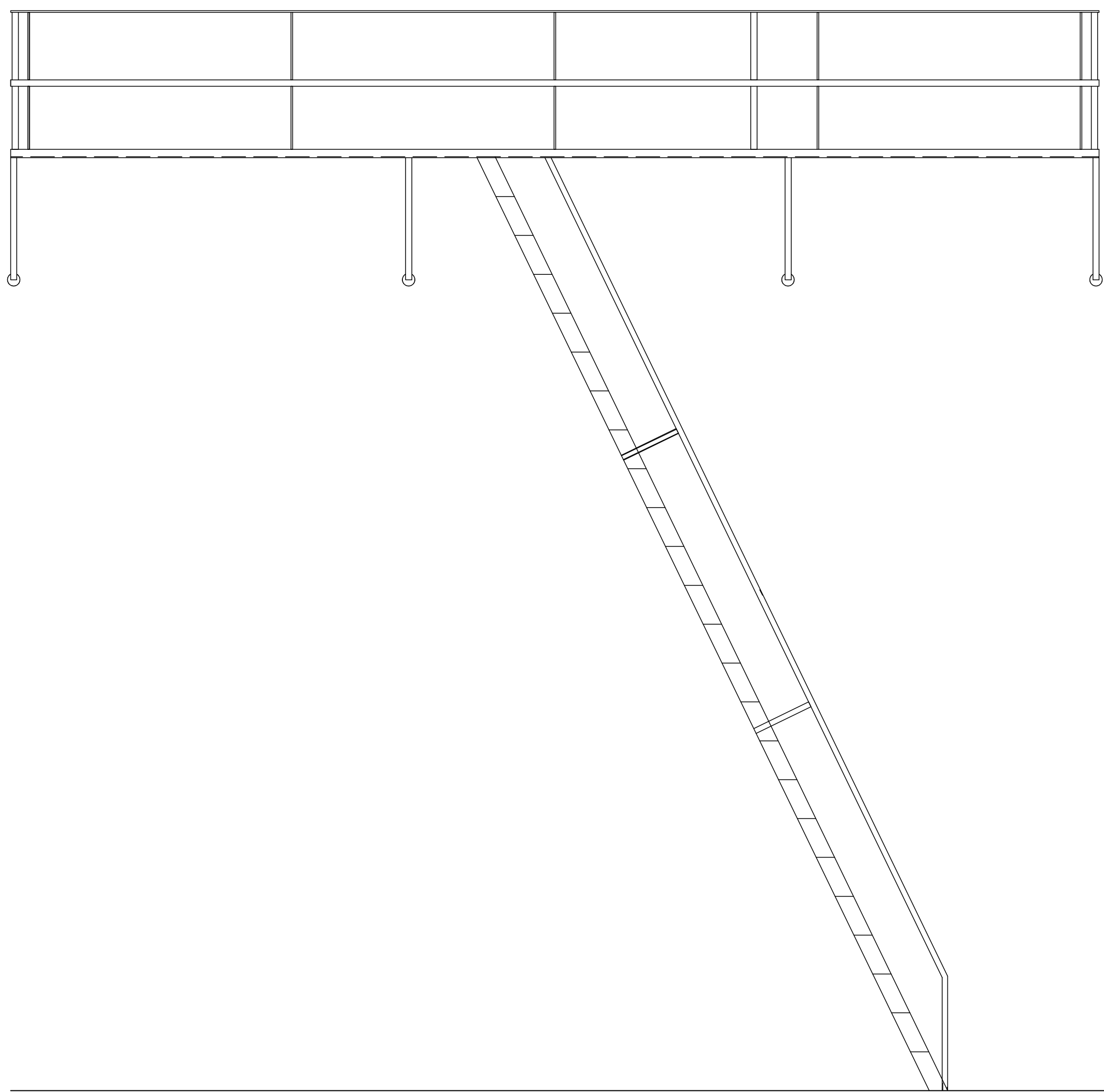
SHEET **S4.1**



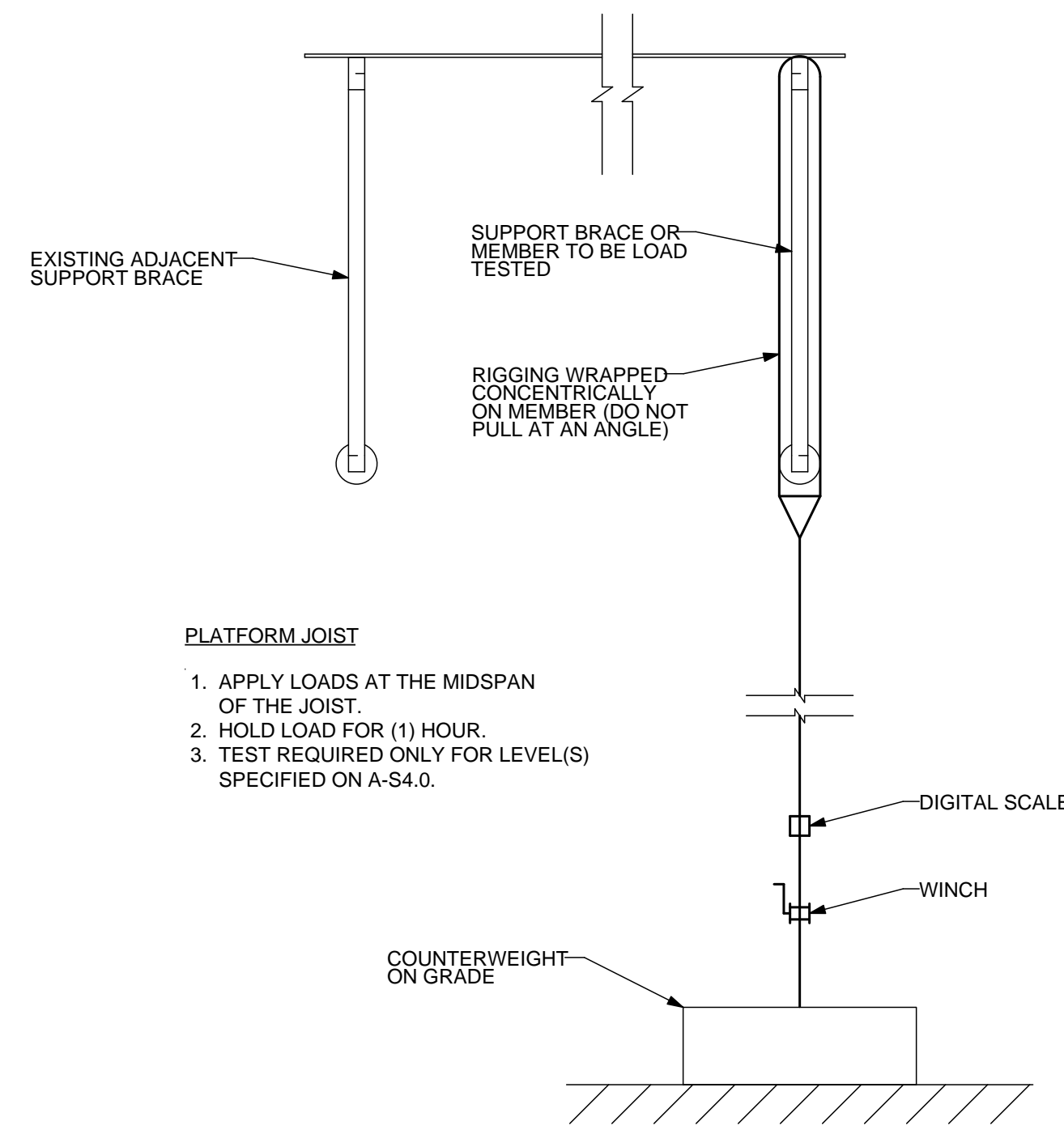
A FIRE ESCAPE PLAN
S5.0 SCALE: 1/2" = 1'-0"



B FIRE ESCAPE GUARDRAIL PLANS
S5.0 SCALE: 1/2" = 1'-0"

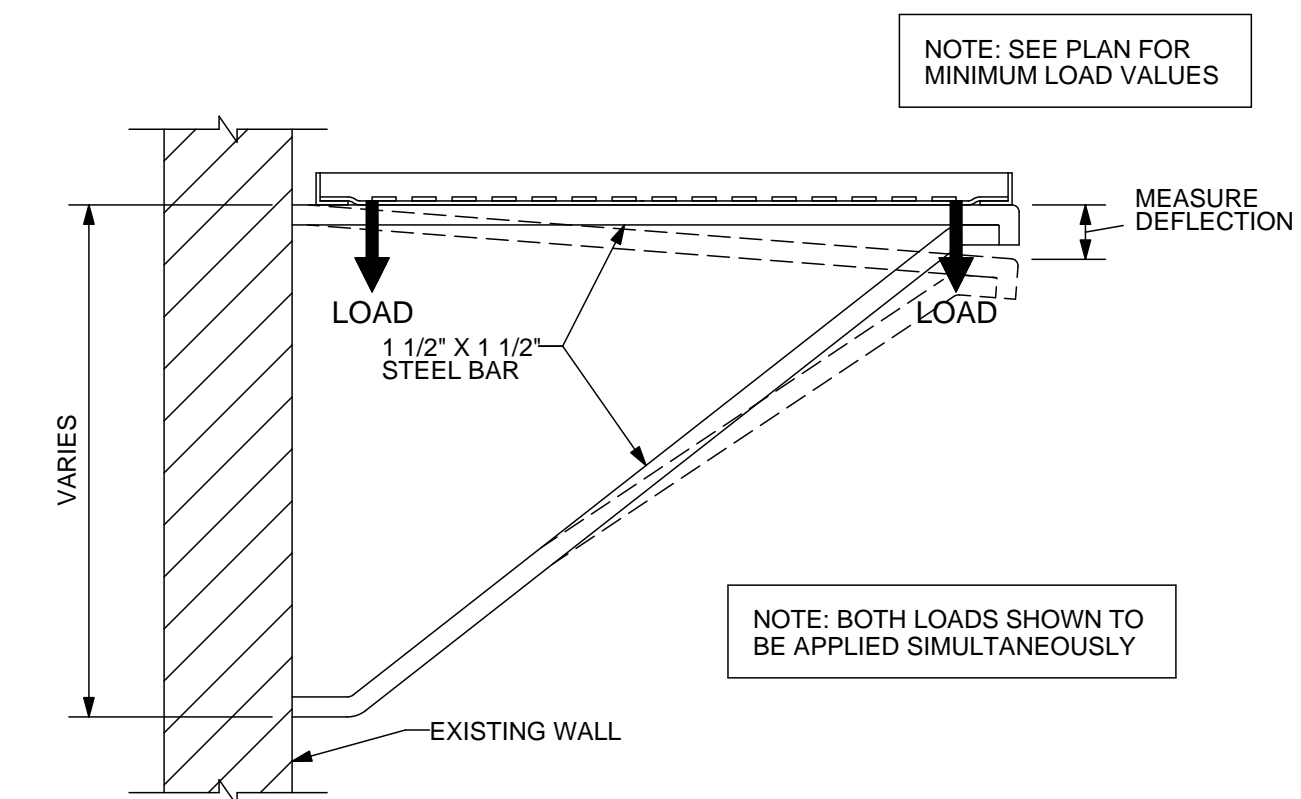


C FIRE ESCAPE ELEVATION
S5.0 SCALE: 1/2" = 1'-0"



- PLATFORM JOIST**
1. APPLY LOADS AT THE MIDSPAN OF THE JOIST.
 2. HOLD LOAD FOR (1) HOUR.
 3. TEST REQUIRED ONLY FOR LEVEL(S) SPECIFIED ON A-S4.0.

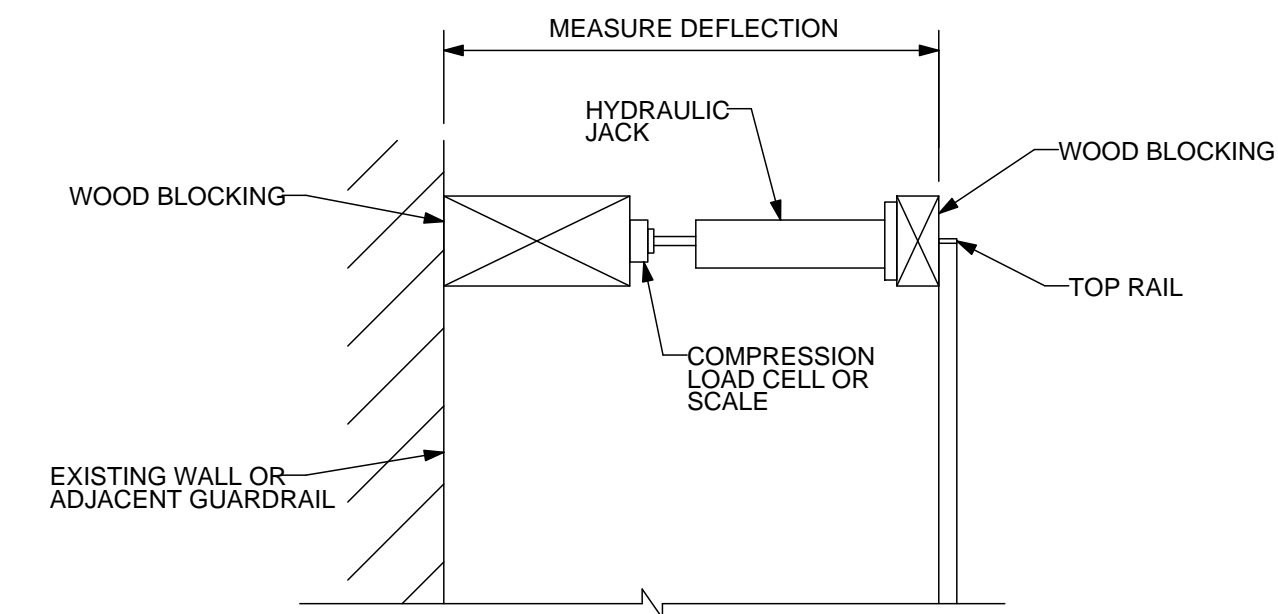
D GENERAL LOAD TEST SETUP
S5.0 SCALE: 1" = 1'-0"



E SECTION @ LANDING SUPPORT BRACE
S5.0 SCALE: 1" = 1'-0"

LANDING GUARDRAIL LOADING

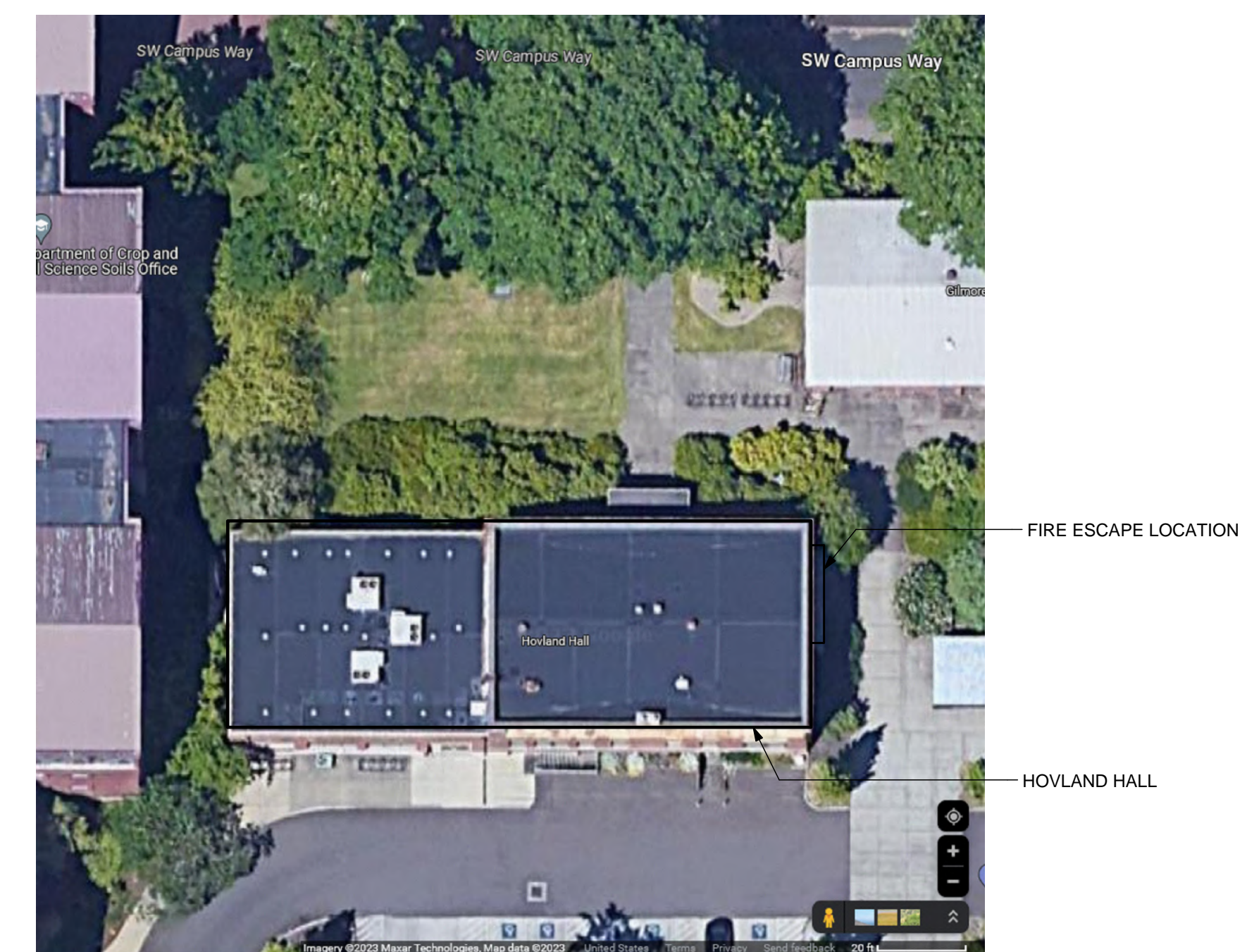
1. APPLY LOADS SHOWN TO THE TOP RAIL. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY U.N.O.
2. HOLD EACH LOAD FOR (10) MINUTES.
3. TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.



F GUARDRAIL TEST SETUP
S5.0 NOT TO SCALE

GENERAL NOTES FOR LOAD TESTING

1. ALL TEST LOADING SHALL BE MONITORED USING CALIBRATED LOAD CELLS AND/OR SCALES.
2. DEFLECTIONS TO THE NEAREST 1/16TH INCH SHALL BE TAKEN FOR TESTED ELEMENTS. MEASUREMENTS SHALL BE TAKEN FROM FIXED REFERENCE POINTS OR REFERENCE POINTS NOTED ON THE TEST SETUP DETAILS.
3. THE ELEMENTS SHALL BE CONSIDERED TO HAVE SUCCESSFULLY PASSED THE LOAD TEST IF THE FOLLOWING CRITERIA ARE SATISFIED:
 - A. WITHIN ONE HOUR AFTER REMOVAL OF TEST LOAD, THE STRUCTURE SHALL HAVE RECOVERED NOT LESS THAN 75 PERCENT OF THE MAXIMUM DEFLECTION UNLESS NOTED OTHERWISE.
 - B. DURING AND IMMEDIATELY AFTER THE TEST, THE STRUCTURE SHALL NOT SHOW EVIDENCE OF FAILURE.
4. THE TESTING AGENCY PERFORMING THE LOAD TEST SHALL NOTIFY THE E.O.R. AT LEAST TWO DAYS PRIOR TO LOAD TESTING. THE E.O.R. IS REQUIRED TO OBSERVE THE LOAD TESTING BEING PERFORMED.
5. HOLD EACH LOAD FOR 1 HOUR, UNLESS NOTED OTHERWISE.
6. TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.
7. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY UNLESS NOTED OTHERWISE.



G FIRE ESCAPE SITE PLAN
S5.0 NO SCALE



REVISIONS	No.	DATE	DESCRIPTION

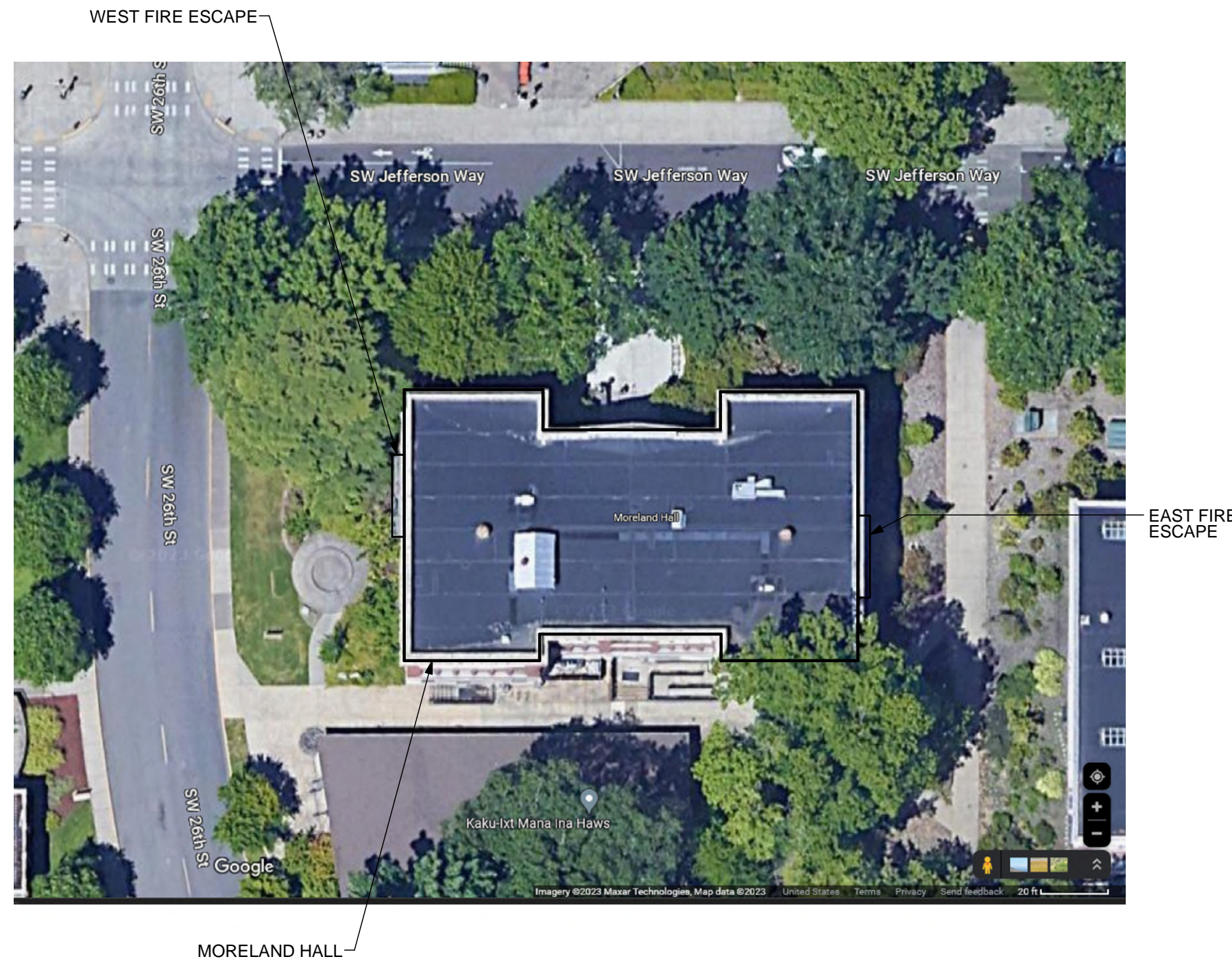
PROJECT: OSU FIRE ESCAPES
LOCATION: 2700 SW CAMPUS WAY CORVALLIS, OREGON

SHEET TITLE: HOVLAND HALL FIRE ESCAPE PLANS & DETAILS
CLIENT: OREGON STATE UNIVERSITY

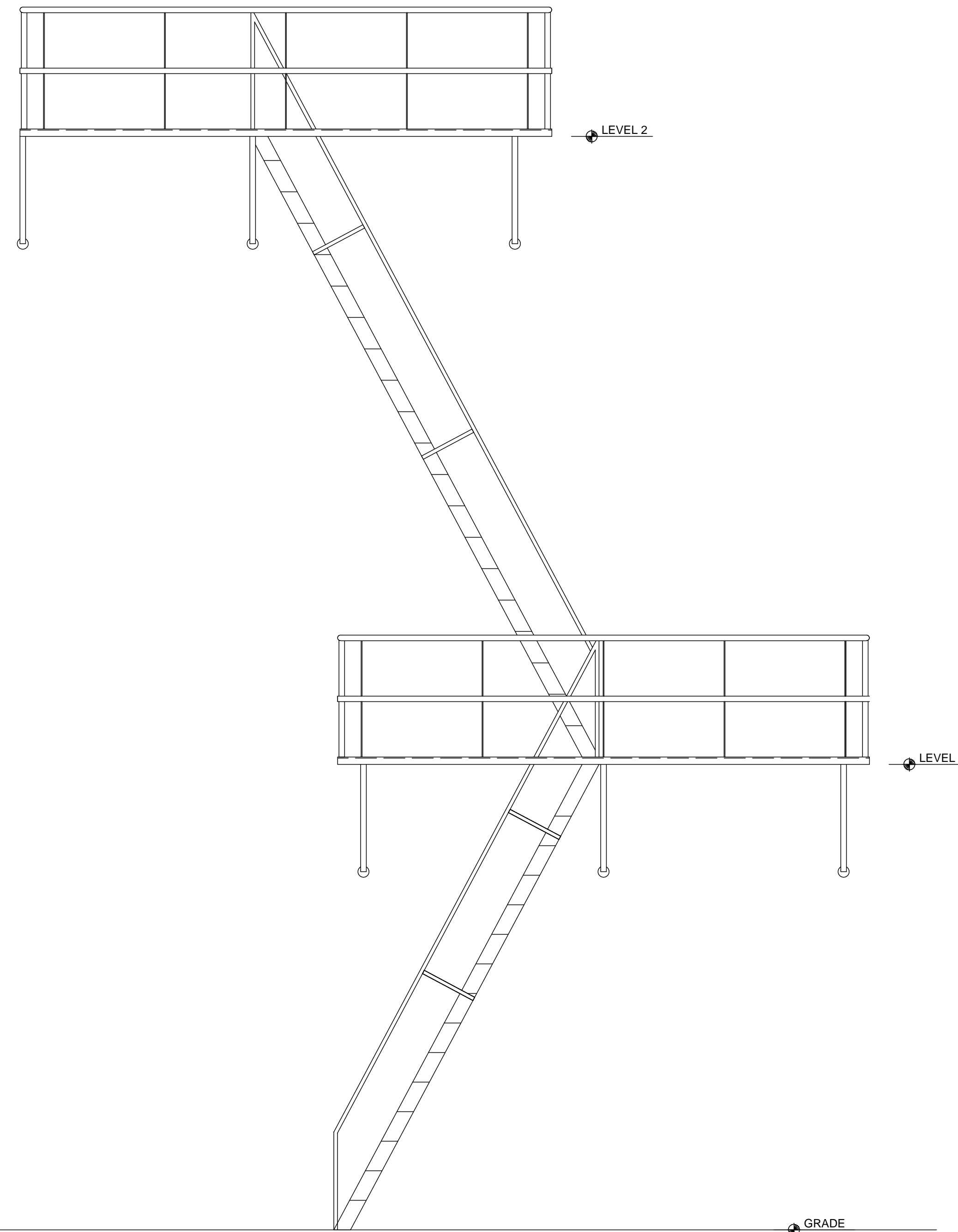
STABILITY ENGINEERING INC.
777 NE 2ND ST. SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (503) 838-5360 FAX: (503) 838-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN

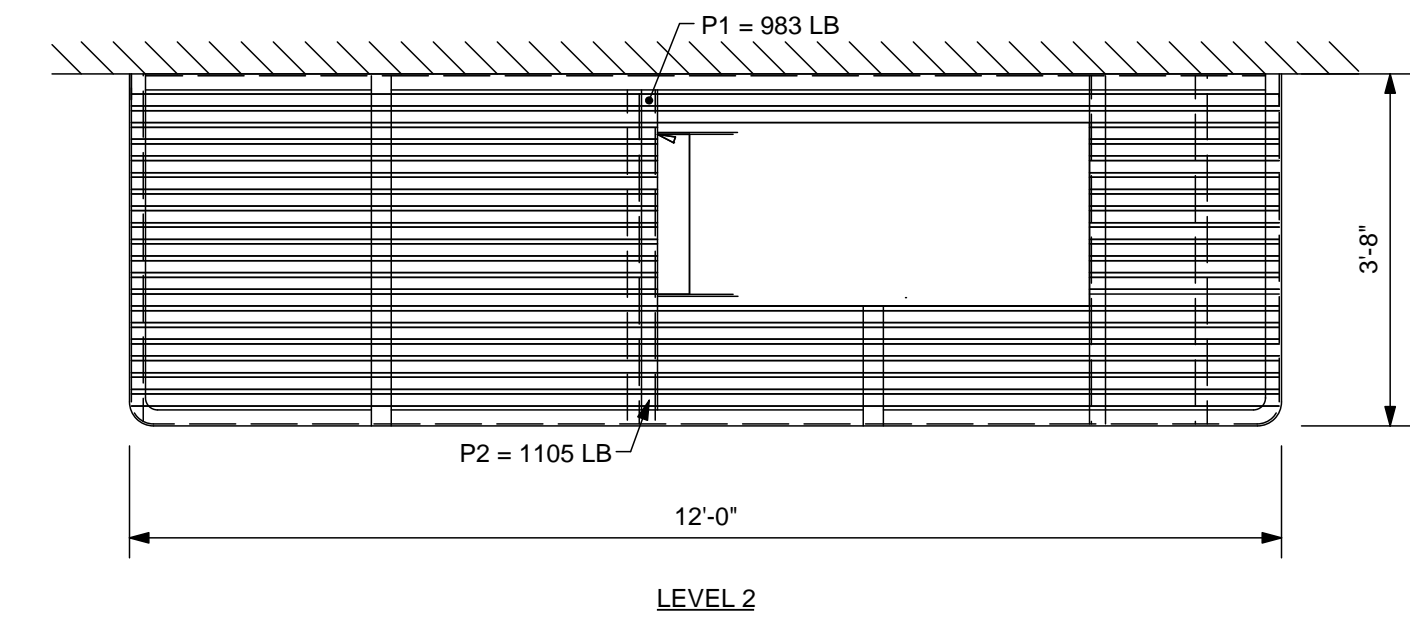
S5.0



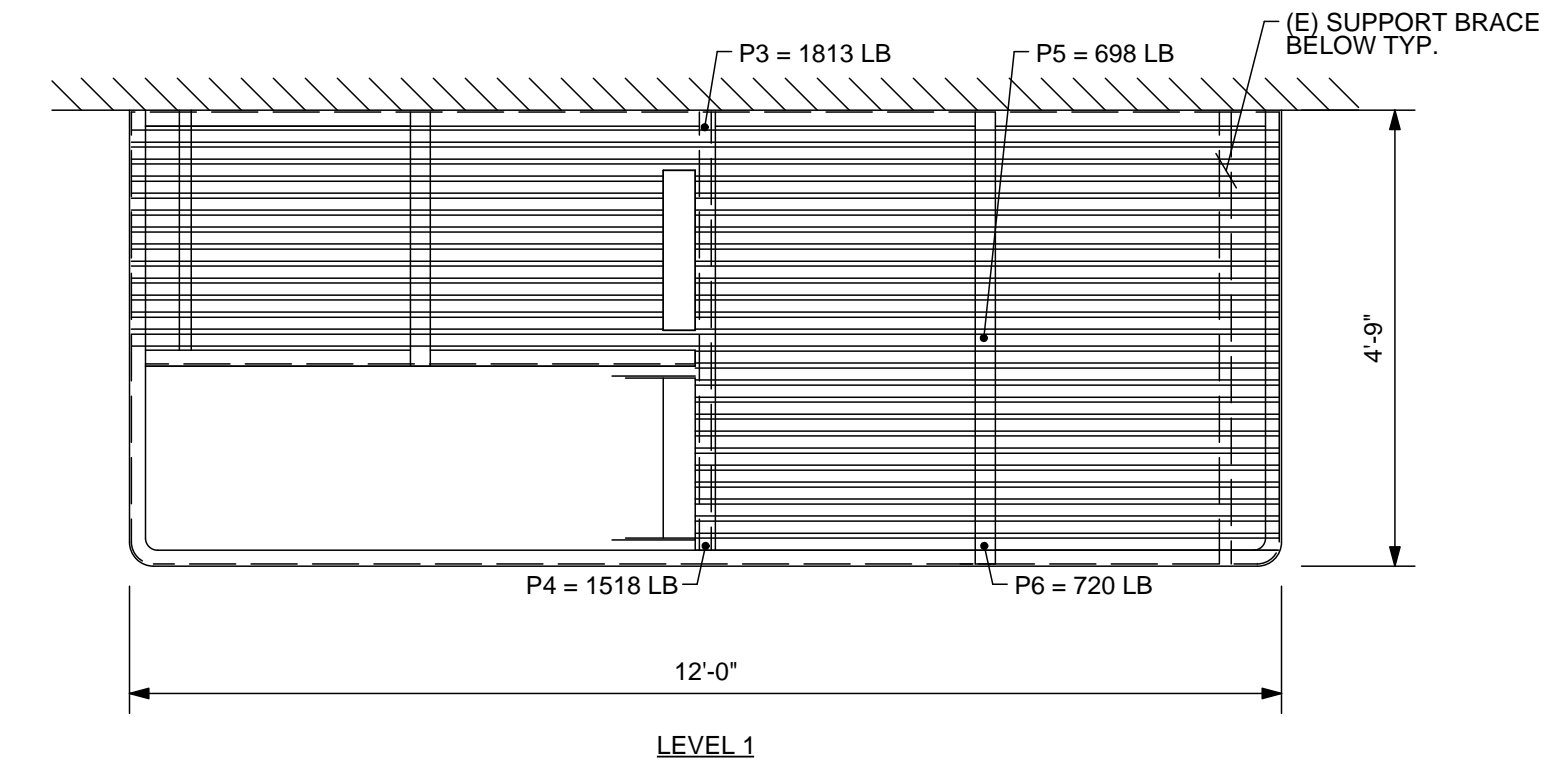
A FIRE ESCAPE SITE PLAN
S6.0 NO SCALE



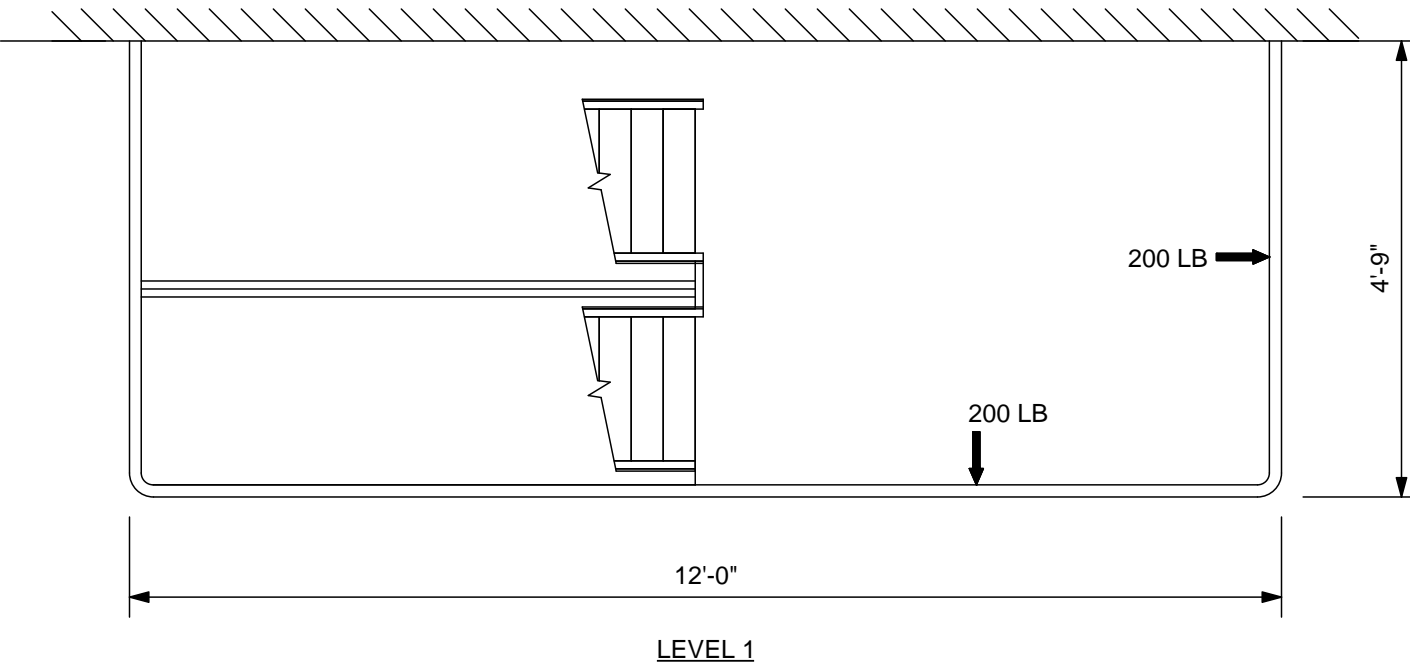
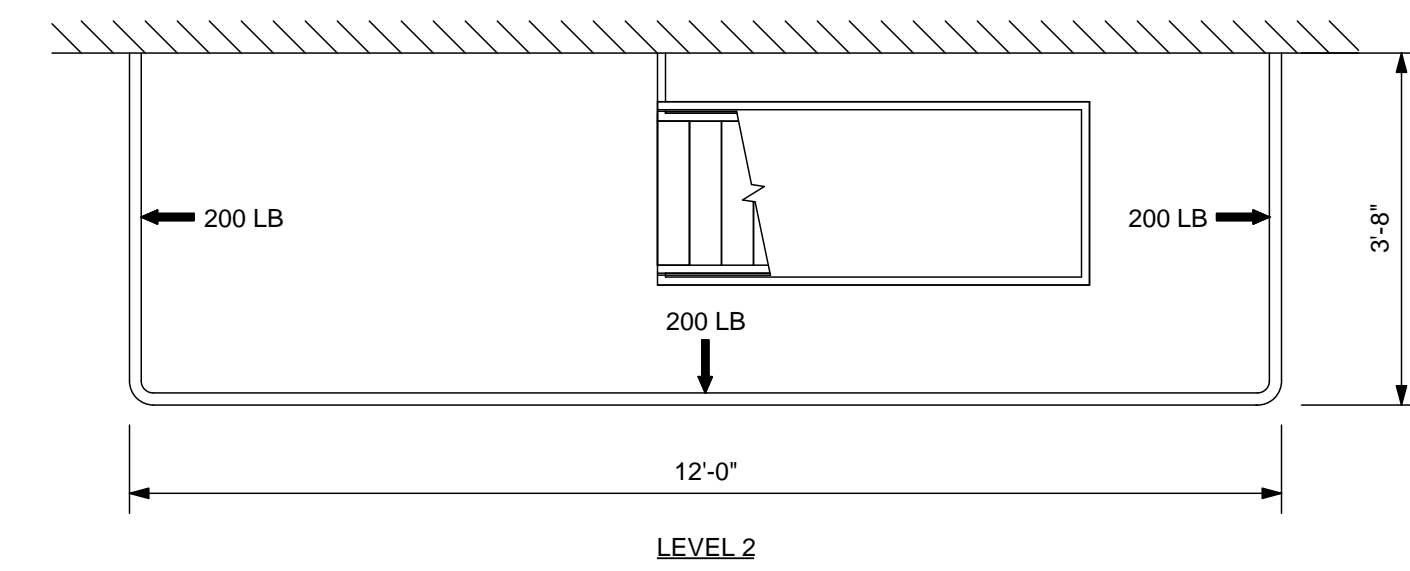
B EAST FIRE ESCAPE ELEVATION
S6.0 SCALE: 1/2" = 1'-0"



IMPORTANT NOTE:
LOADS P1, P2, P3, & P4 TO
BE APPLIED SIMULTANEOUSLY.



C EAST FIRE ESCAPE PLANS
S6.0 SCALE: 1/2" = 1'-0"



D EAST FIRE ESCAPE GUARDRAIL PLANS
S6.0 SCALE: 1/2" = 1'-0"

CONSTRUCTION NOTES:

- ALL MEMBERS ARE TO BE PAINTED USING ONE OF THE COATINGS BELOW:
 - ONE (1) COAT OF IRON OXIDE PRIMER, FOLLOWED BY (1) COAT OF ALKYD ENAMEL FINISH.
 - ONE (1) COAT OF A SINGLE COAT PAINT SUCH AS "HAMMERITE" BRAND PAINT, AMERSHIELD POLYESTER-ACRYLIC ALIPHATIC POLYURETHANE, OR VAL-CHEM EPOXY MASTIC 75-W-9W.
 - ALTERNATIVE COATINGS OF PAINTS EQUIVALENT TO ABOVE LISTED ITEMS UPON APPROVAL BY THE ENGINEER OF RECORD.
- REMOVE MOSS AND DEBRIS. SCRAPE AND CLEAN OR SANDBLAST FIRE ESCAPE PRIOR TO PAINTING.
- NO VISIBLE RUST IS PERMITTED TO REMAIN ON FIRE ESCAPE MEMBERS.
- LOOSE ANCHORS TO BRICK ARE TO BE SOLID GROUTED WITH NON-SHRINK GROUT.

GENERAL NOTES FOR LOAD TESTING

- ALL TEST LOADING SHALL BE MONITORED USING CALIBRATED LOAD CELLS AND/OR SCALES.
- DEFLECTIONS TO THE NEAREST 1/16TH INCH SHALL BE TAKEN FOR TESTED ELEMENTS. MEASUREMENTS SHALL BE TAKEN FROM FIXED REFERENCE POINTS OR REFERENCE POINTS NOTED ON THE TEST SETUP DETAILS.
- THE ELEMENTS SHALL BE CONSIDERED TO HAVE SUCCESSFULLY PASSED THE LOAD TEST IF THE FOLLOWING CRITERIA ARE SATISFIED:
 - WITHIN ONE HOUR AFTER REMOVAL OF TEST LOAD, THE STRUCTURE SHALL HAVE RECOVERED NOT LESS THAN 75 PERCENT OF THE MAXIMUM DEFLECTION UNLESS NOTED OTHERWISE.
 - DURING AND IMMEDIATELY AFTER THE TEST, THE STRUCTURE SHALL NOT SHOW EVIDENCE OF FAILURE.
- THE TESTING AGENCY PERFORMING THE LOAD TEST SHALL NOTIFY THE E.O.R. AT LEAST TWO DAYS PRIOR TO LOAD TESTING. THE E.O.R. IS REQUIRED TO OBSERVE THE LOAD TESTING BEING PERFORMED.
- HOLD EACH LOAD FOR 1 HOUR, UNLESS NOTED OTHERWISE.
- TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.
- LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY UNLESS NOTED OTHERWISE.



REVISIONS	DESCRIPTION
No.	DATE

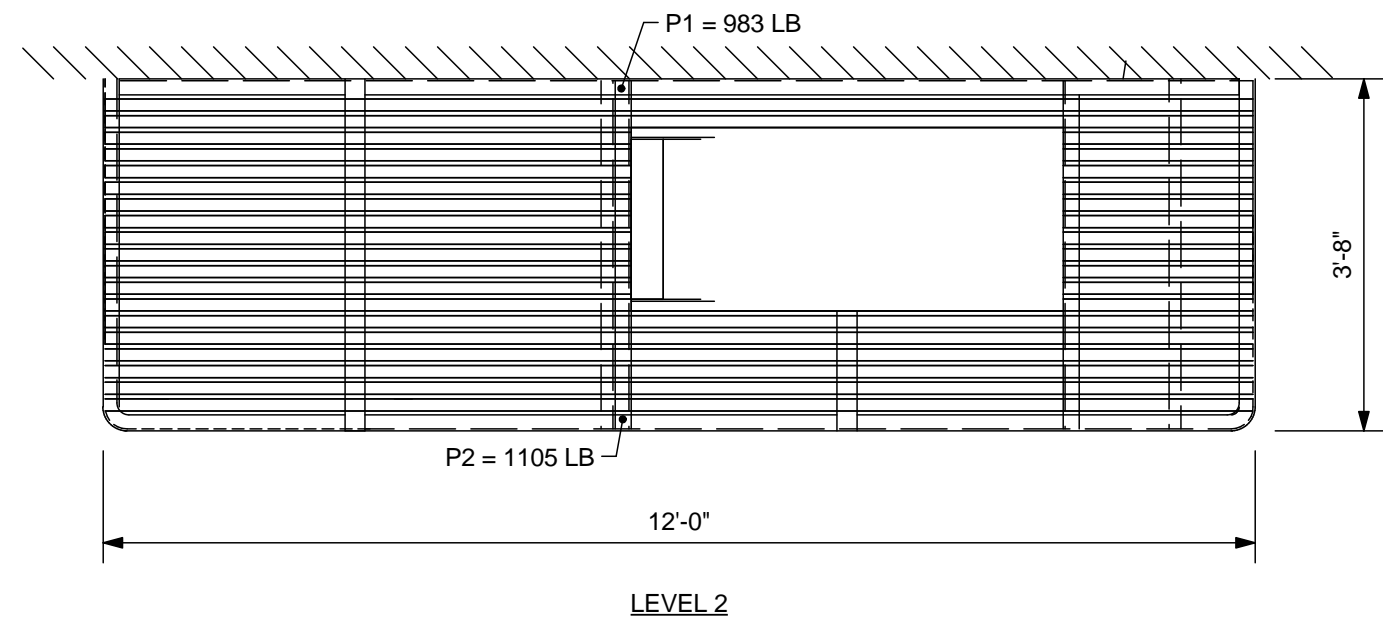
PROJECT: **OSU FIRE ESCAPES**
LOCATION: **2550 SW JEFFERSON WAY CORVALLIS, OREGON**

SHEET TITLE: **MORELAND HALL EAST FIRE ESCAPE PLANS & ELEVATION**
CLIENT: **OREGON STATE UNIVERSITY**

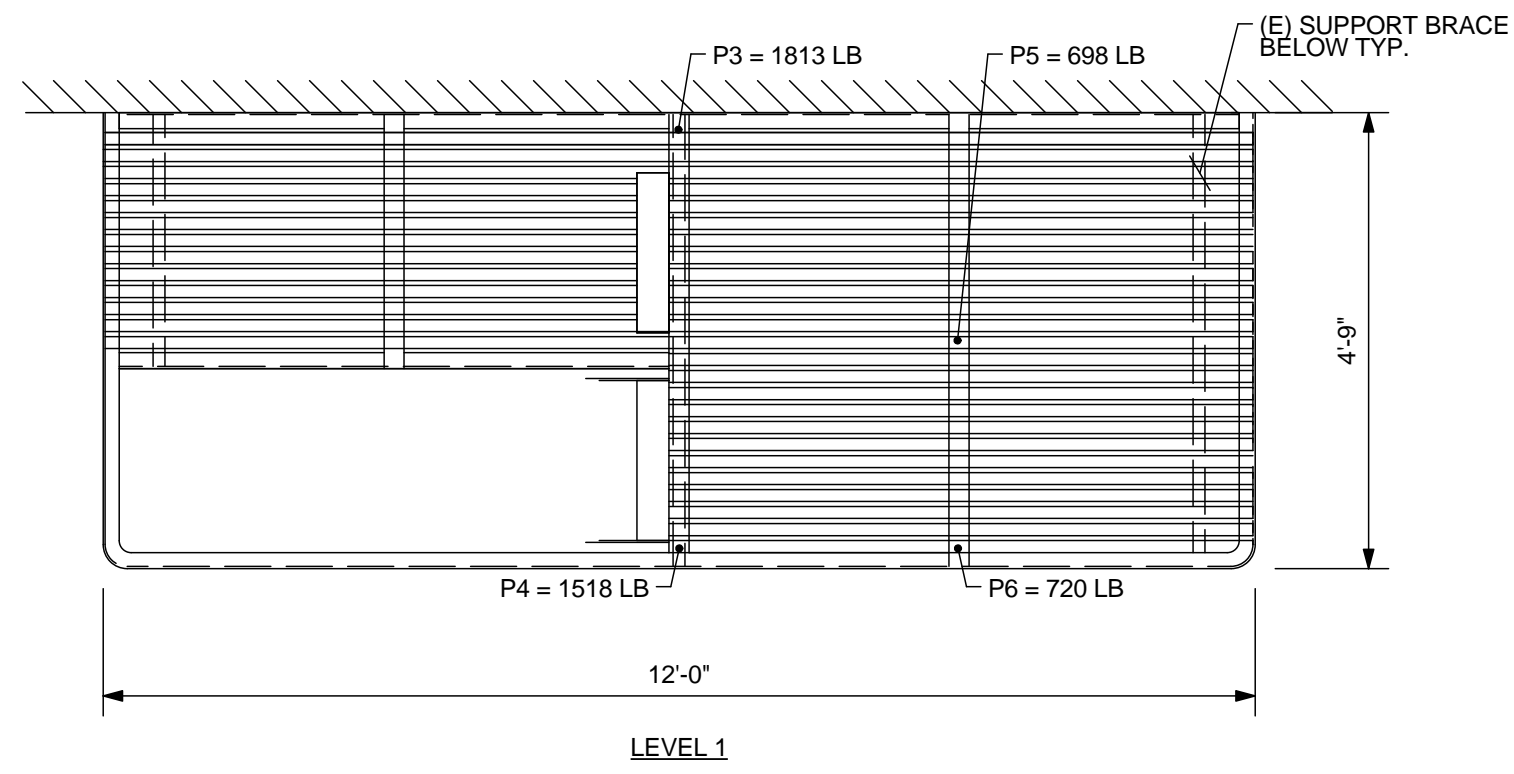
STABILITY ENGINEERING INC.
777 NE 2ND ST. SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL: (541)223-5360 FAX: (541)223-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN
SHEET

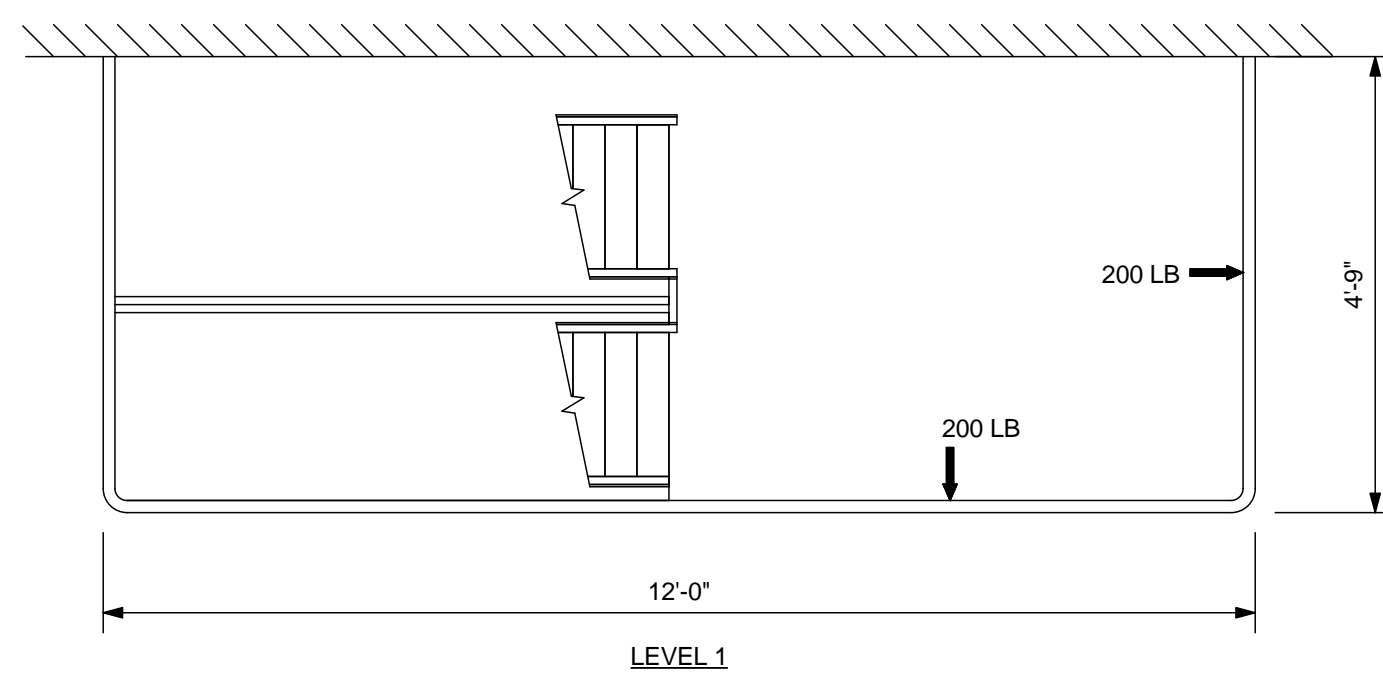
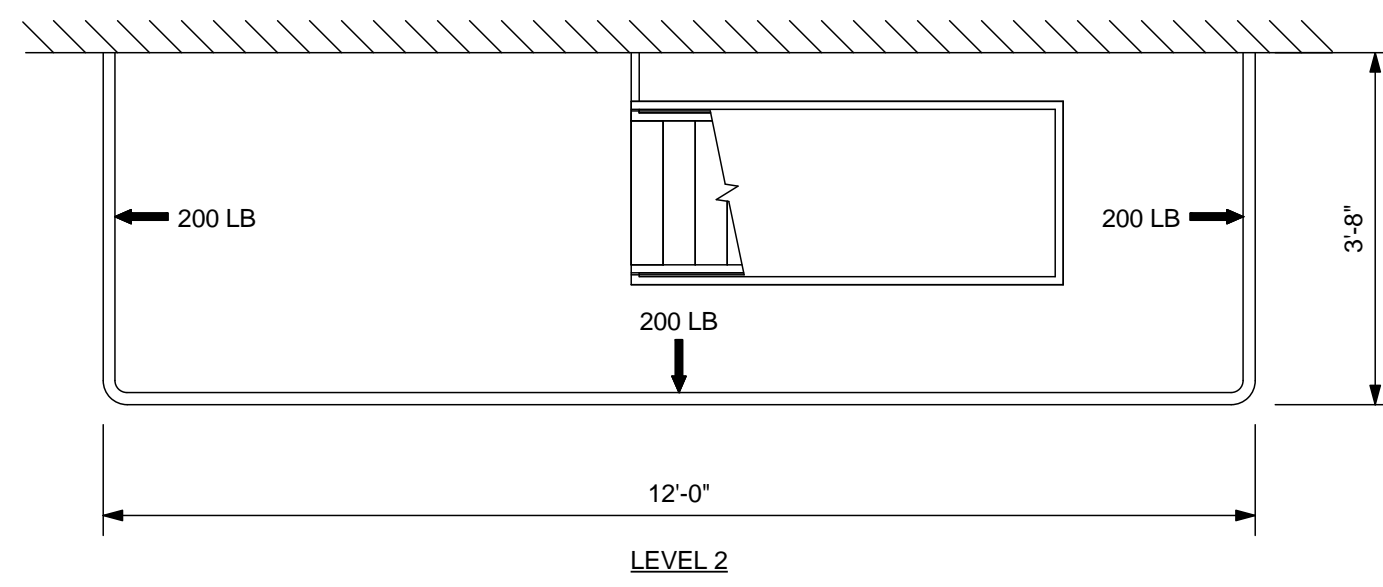
S6.0



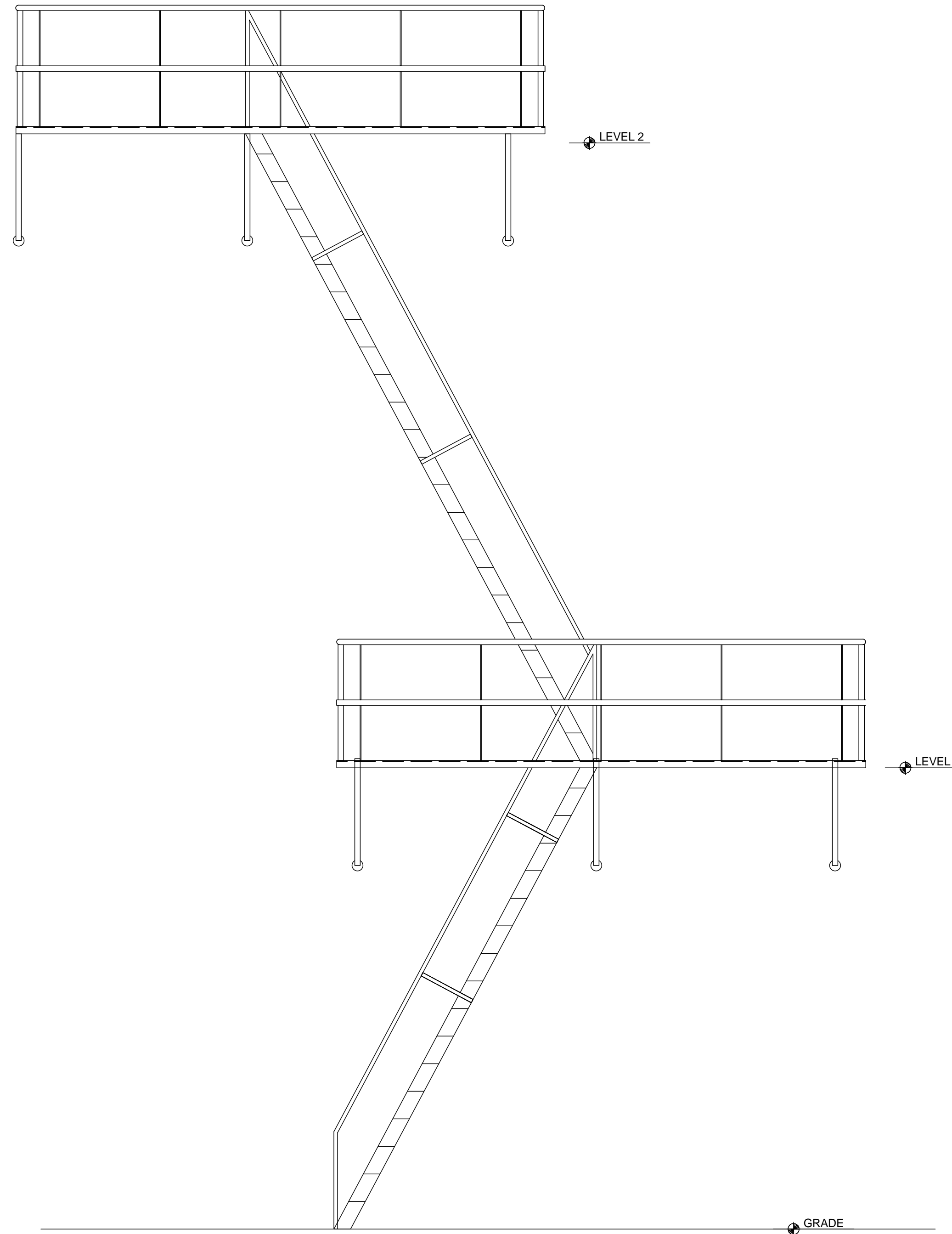
IMPORTANT NOTE:
LOADS P1, P2, P3, & P4 TO
BE APPLIED SIMULTANEOUSLY.



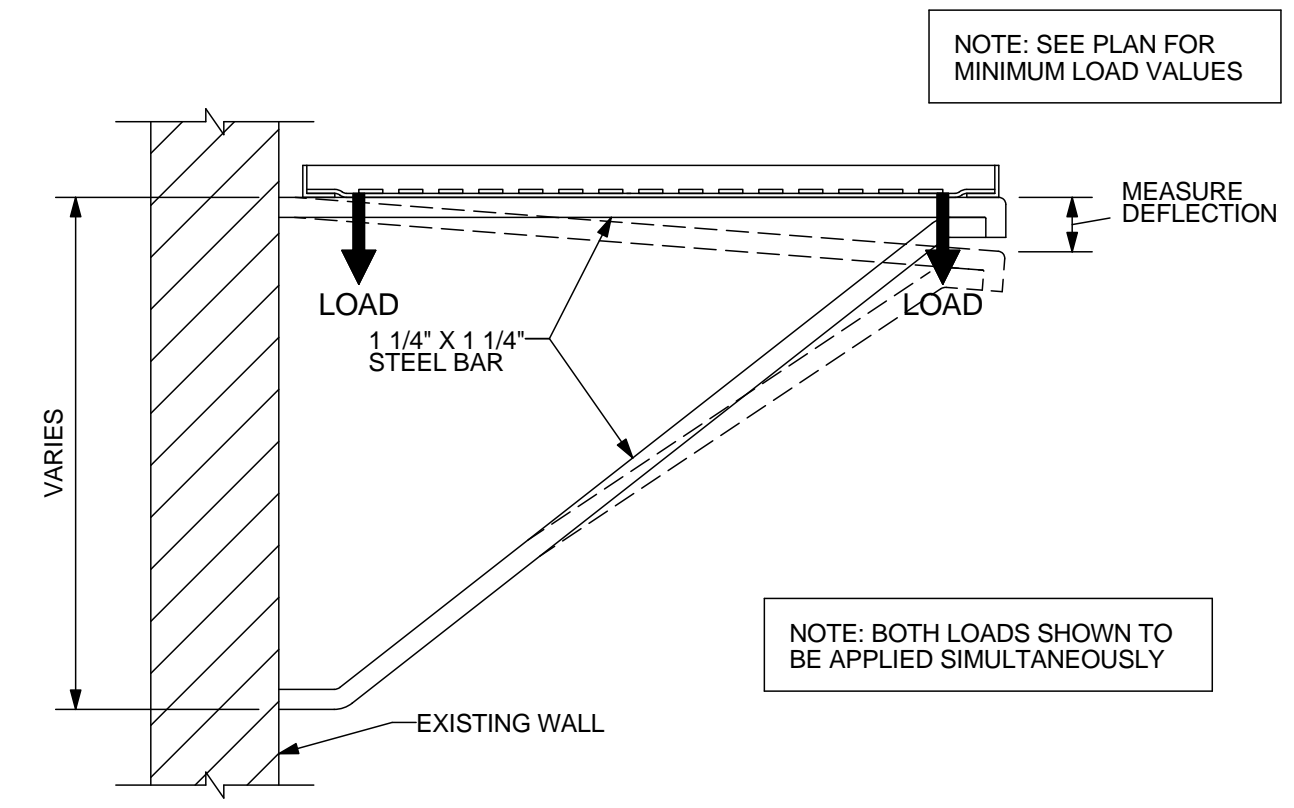
A
S6.1 WEST FIRE ESCAPE PLANS
SCALE: 1/2" = 1'-0"



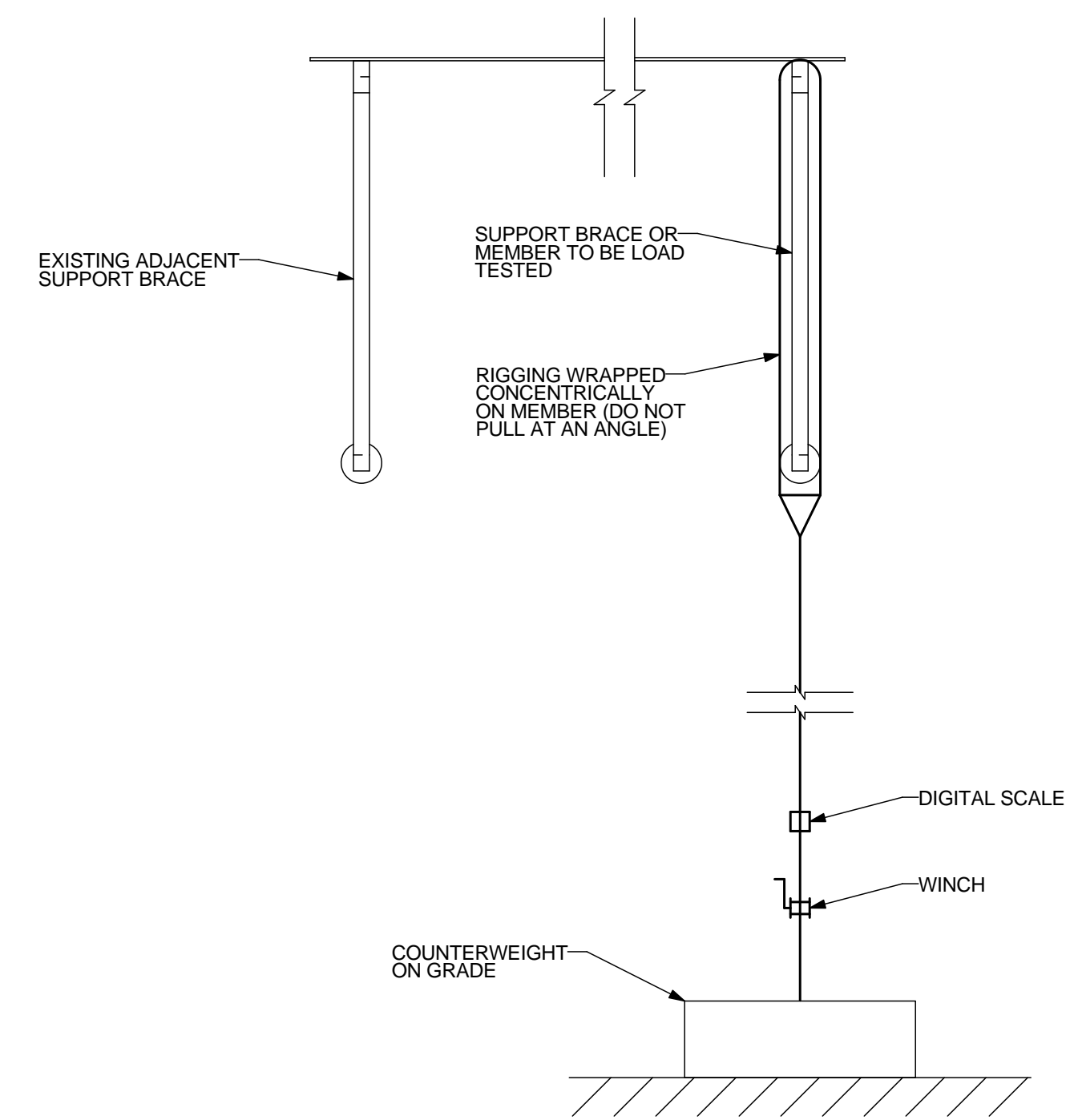
B
S6.1 WEST FIRE ESCAPE GUARDRAIL PLANS
SCALE: 1/2" = 1'-0"



C
S6.1 WEST FIRE ESCAPE ELEVATION
SCALE: 1/2" = 1'-0"



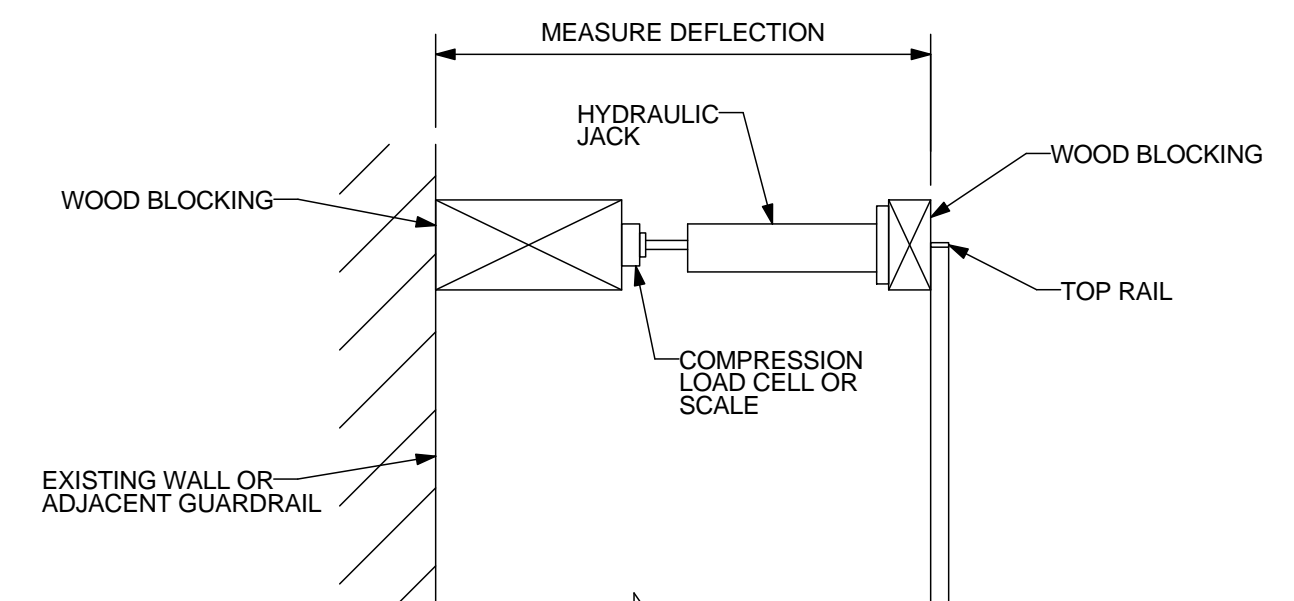
D
S6.1 SECTION @ LANDING SUPPORT BRACE
SCALE: 1" = 1'-0"



E
S6.1 GENERAL LOAD TEST SETUP
SCALE: 1" = 1'-0"

LANDING GUARDRAIL LOADING

1. APPLY LOADS SHOWN TO THE TOP RAIL. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY U.N.O.
2. HOLD EACH LOAD FOR (10) MINUTES.
3. TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.



F
S6.1 GUARDRAIL TEST SETUP
NOT TO SCALE

REVISIONS	DATE	DESCRIPTION

PROJECT: **OSU FIRE ESCAPES**
LOCATION: **2550 SW JEFFERSON WAY CORVALLIS, OREGON**

SHEET TITLE: **MORELAND HALL WEST FIRE ESCAPE PLANS & ELEVATION**
CLIENT: **OREGON STATE UNIVERSITY**

STABILITY ENGINEERING INC.
777 NE 2ND ST, SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (541)223-5360 FAX: (541)223-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN
SHEET



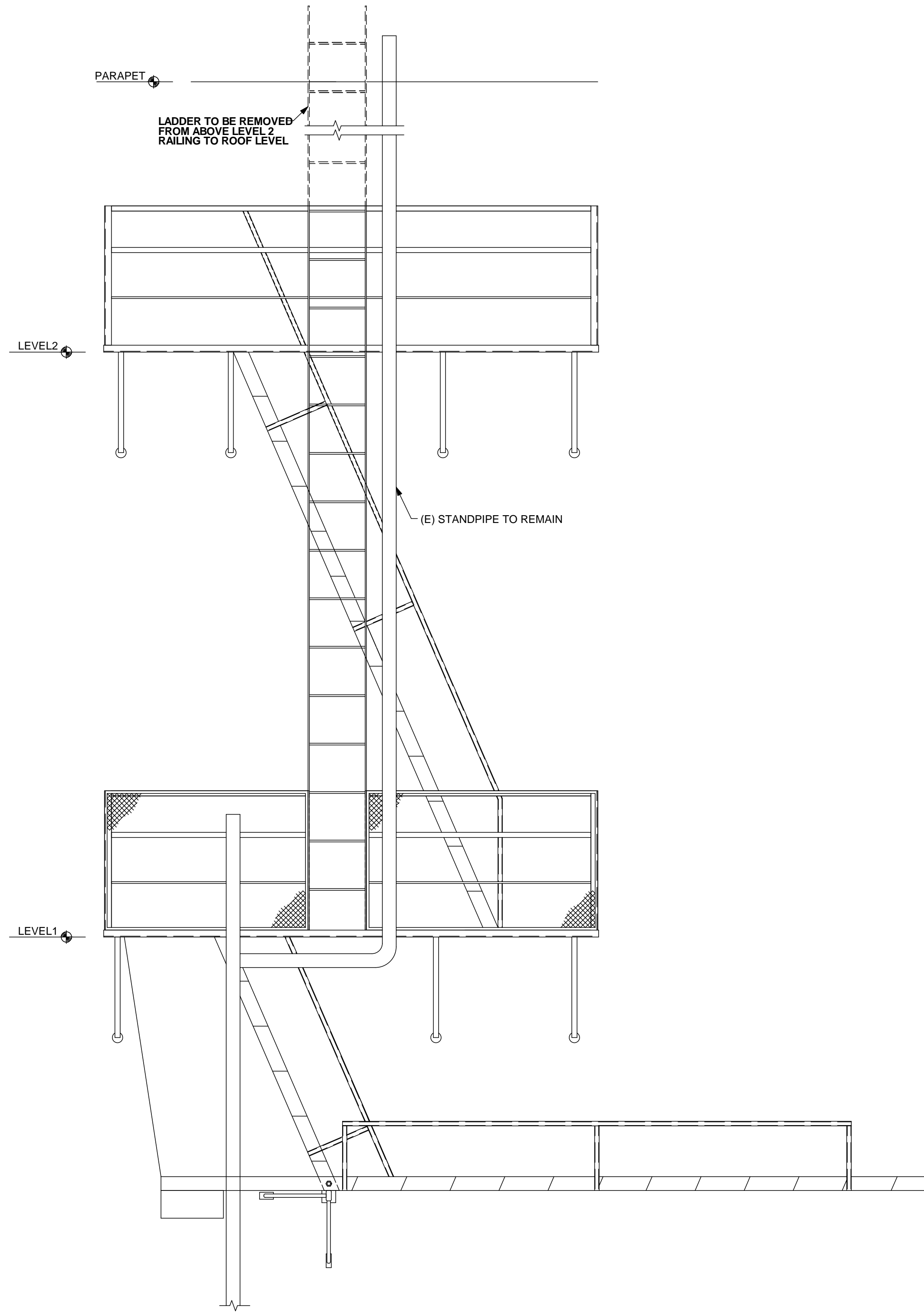
A
S7.0 FIRE ESCAPE SITE PLAN
NO SCALE

CONSTRUCTION NOTES:

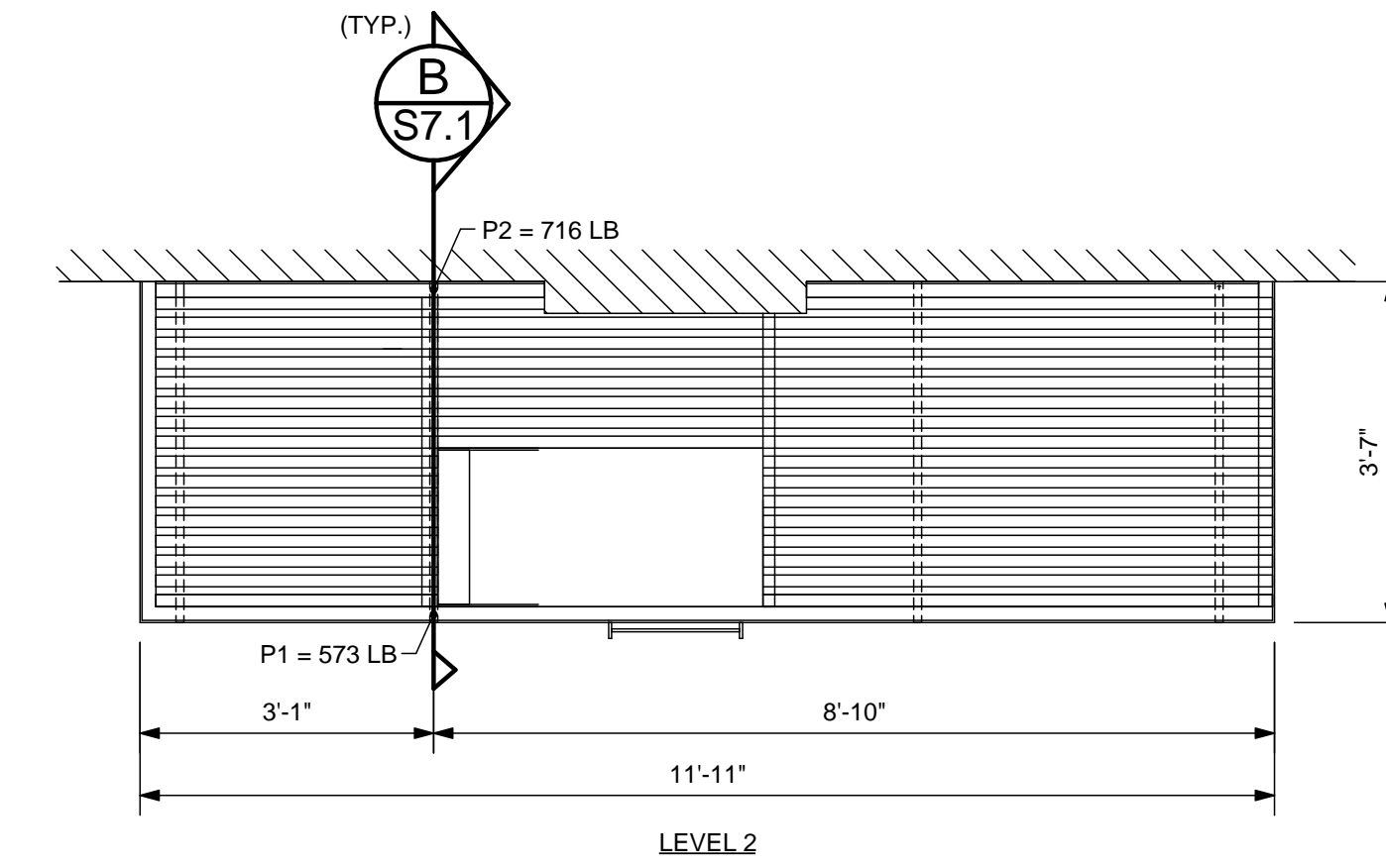
- ALL MEMBERS ARE TO BE PAINTED USING ONE OF THE COATINGS BELOW:
 - ONE (1) COAT OF IRON OXIDE PRIMER, FOLLOWED BY (1) COAT OF ALKYD ENAMEL FINISH.
 - ONE (1) COAT OF A SINGLE COAT PAINT SUCH AS "HAMMERITE" BRAND PAINT, AMERSHIELD POLYESTER-ACRYLIC ALIPHATIC POLYURETHANE, OR VAL-CHEM EPOXY MASTIC 75-W-9W.
 - ALTERNATIVE COATINGS OF PAINTS EQUIVALENT TO ABOVE LISTED ITEMS UPON APPROVAL BY THE ENGINEER OF RECORD.
- REMOVE MOSS AND DEBRIS. SCRAPE AND CLEAN OR SANDBLAST FIRE ESCAPE PRIOR TO PAINTING.
- NO VISIBLE RUST IS PERMITTED TO REMAIN ON FIRE ESCAPE MEMBERS.
- LOOSE ANCHORS TO BRICK ARE TO BE SOLID GROUTED WITH NON-SHRINK GROUT.

GENERAL NOTES FOR LOAD TESTING

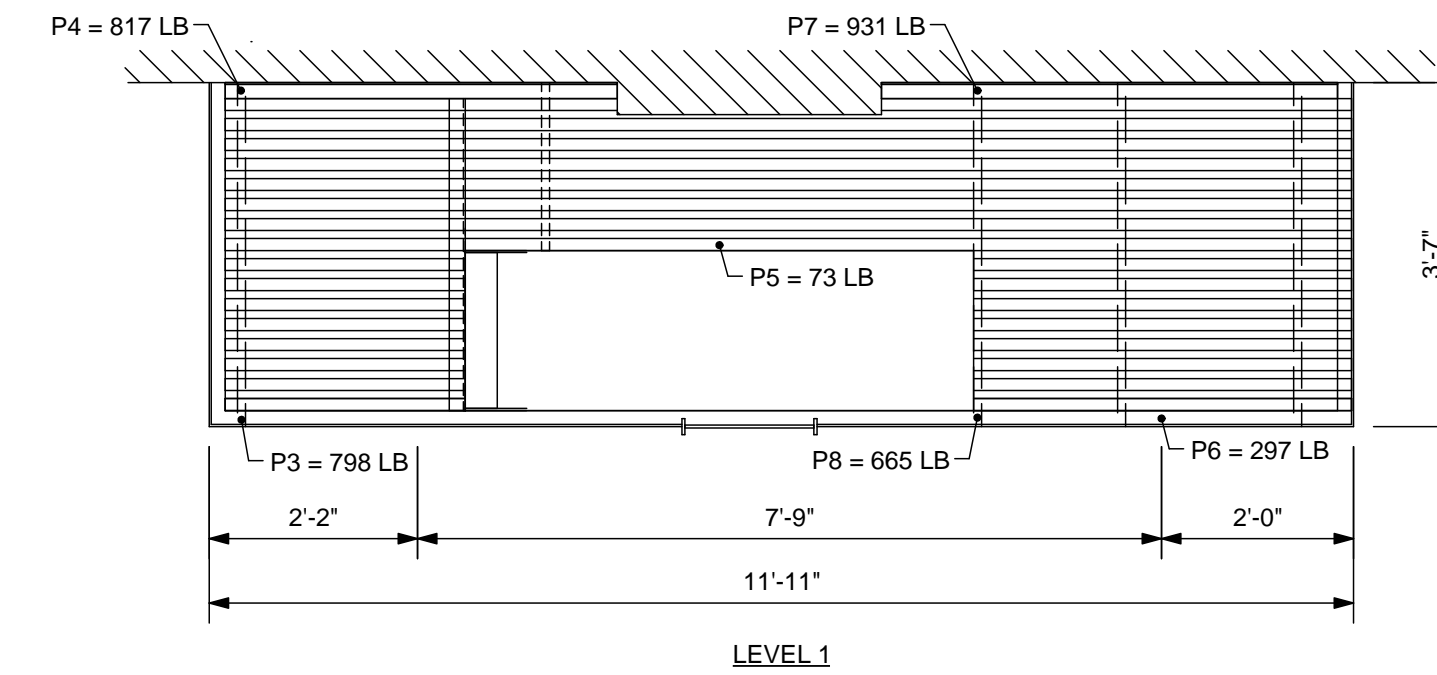
- ALL TEST LOADING SHALL BE MONITORED USING CALIBRATED LOAD CELLS AND/OR SCALES.
- DEFLECTIONS TO THE NEAREST 1/16TH INCH SHALL BE TAKEN FOR TESTED ELEMENTS. MEASUREMENTS SHALL BE TAKEN FROM FIXED REFERENCE POINTS OR REFERENCE POINTS NOTED ON THE TEST SETUP DETAILS.
- THE ELEMENTS SHALL BE CONSIDERED TO HAVE SUCCESSFULLY PASSED THE LOAD TEST IF THE FOLLOWING CRITERIA ARE SATISFIED:
 - WITHIN ONE HOUR AFTER REMOVAL OF TEST LOAD, THE STRUCTURE SHALL HAVE RECOVERED NOT LESS THAN 75 PERCENT OF THE MAXIMUM DEFLECTION UNLESS NOTED OTHERWISE.
 - DURING AND IMMEDIATELY AFTER THE TEST, THE STRUCTURE SHALL NOT SHOW EVIDENCE OF FAILURE.
- THE TESTING AGENCY PERFORMING THE LOAD TEST SHALL NOTIFY THE E.O.R. AT LEAST TWO DAYS PRIOR TO LOAD TESTING. THE E.O.R. IS REQUIRED TO OBSERVE THE LOAD TESTING BEING PERFORMED.
- HOLD EACH LOAD FOR 1 HOUR, UNLESS NOTED OTHERWISE.
- TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.
- LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY UNLESS NOTED OTHERWISE
 - LOADS P1, P2, P3, & P4 TO BE APPLIED SIMULTANEOUSLY



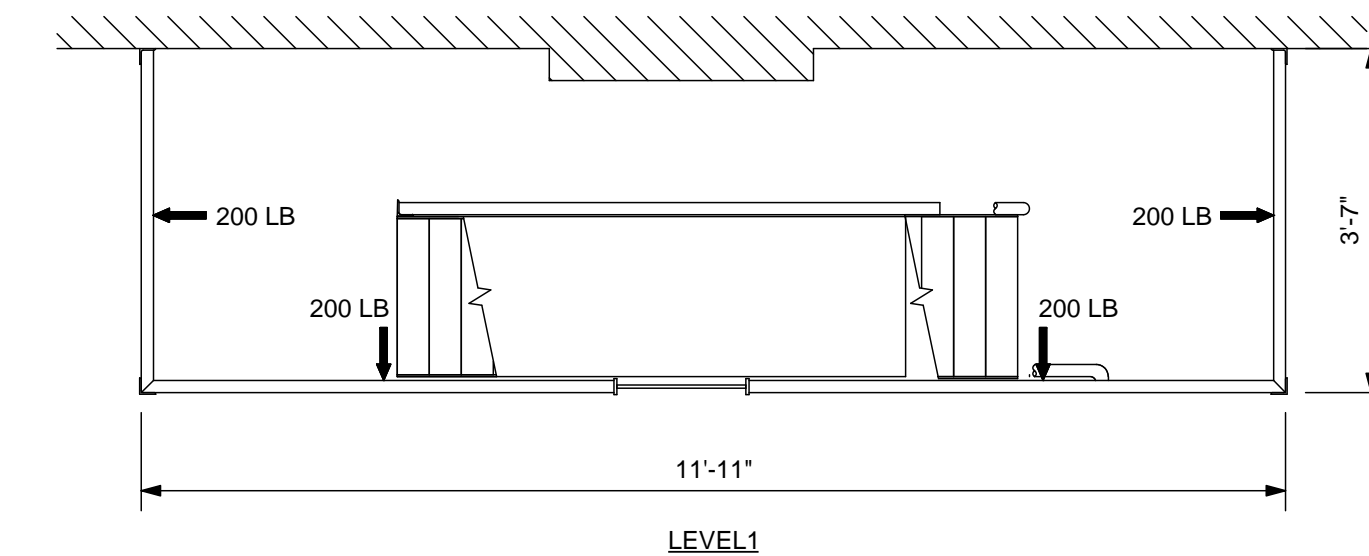
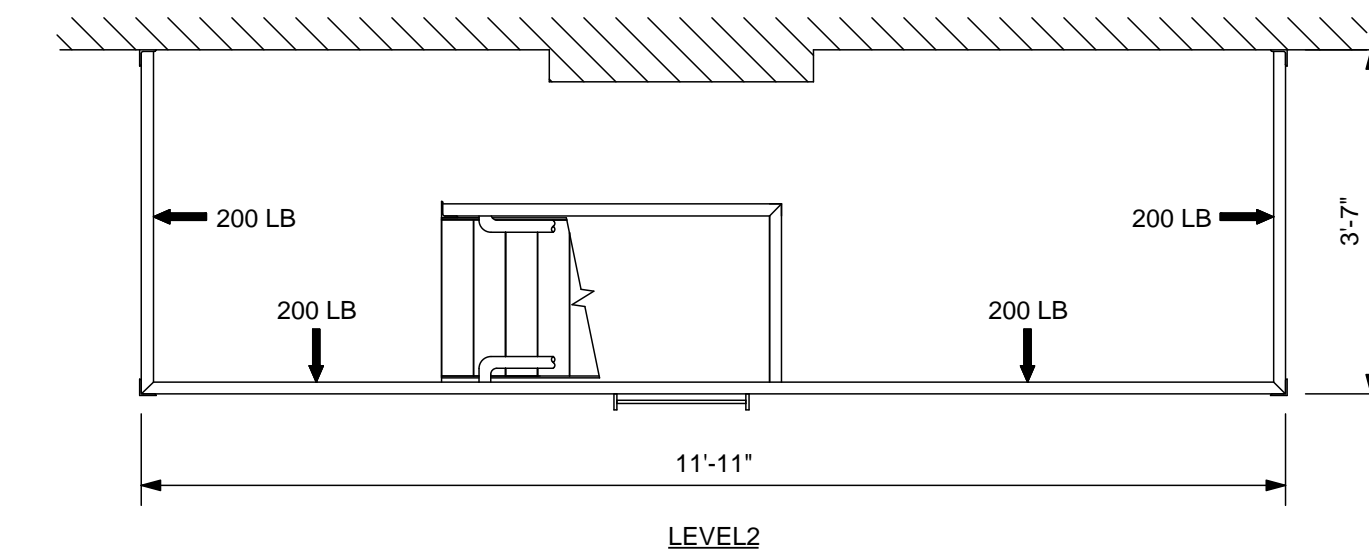
B
S7.0 FIRE ESCAPE ELEVATION
SCALE: 1/2" = 1'-0"



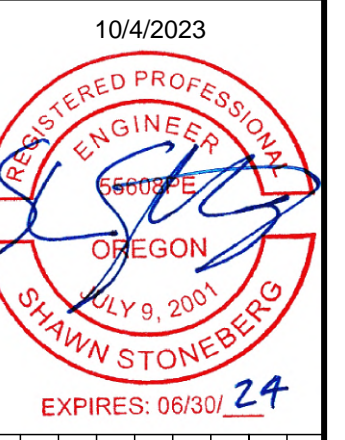
IMPORTANT NOTE:
LOADS P1, P2, P7, & P8 TO BE APPLIED SIMULTANEOUSLY.



C
S7.0 FIRE ESCAPE PLANS
SCALE: 1/2" = 1'-0"



D
S7.0 FIRE ESCAPE GUARDRAIL PLANS
SCALE: 1/2" = 1'-0"



REVISIONS	No.	DATE	DESCRIPTION

PROJECT:
OSU FIRE ESCAPES
LOCATION:
1601 SW JEFFERSON WAY
CORVALLIS, OREGON

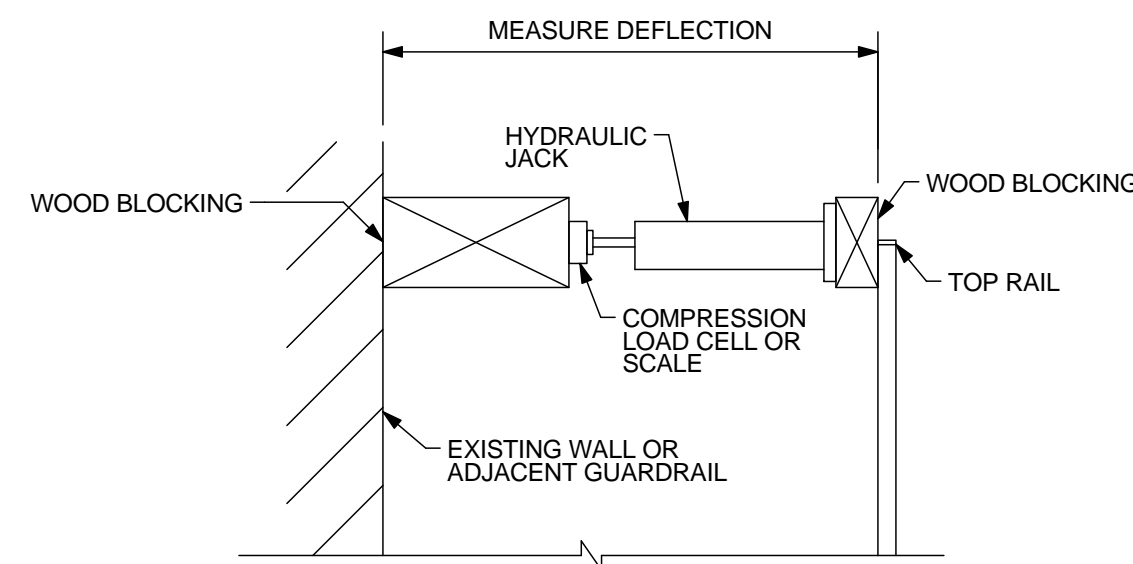
SHEET TITLE:
PHARMACY BUILDING FIRE ESCAPE PLANS & ELEVATION
CLIENT:
OREGON STATE UNIVERSITY

STABILITY ENGINEERING INC.
777 NE 2ND ST. SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (503) 838-5360 FAX: (503) 838-5278

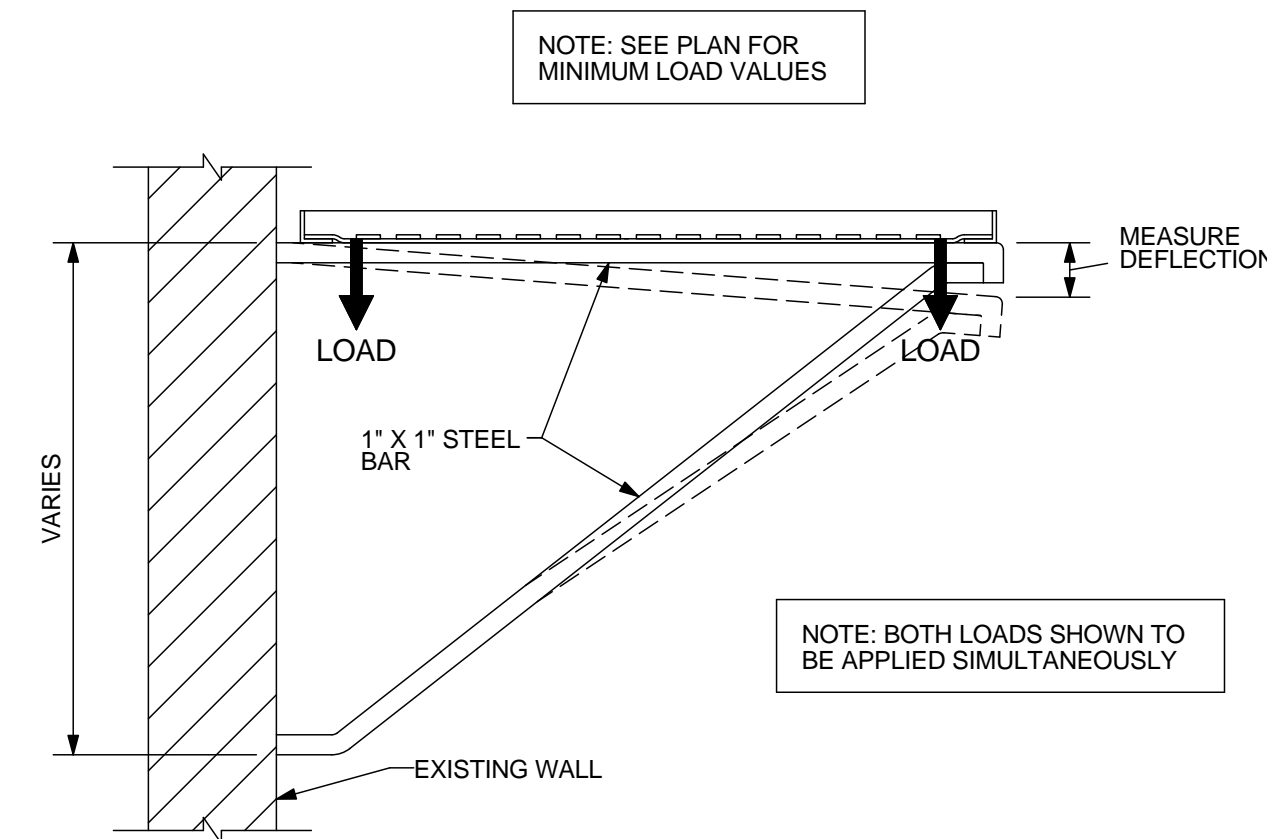
JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN

SHEET
S7.0

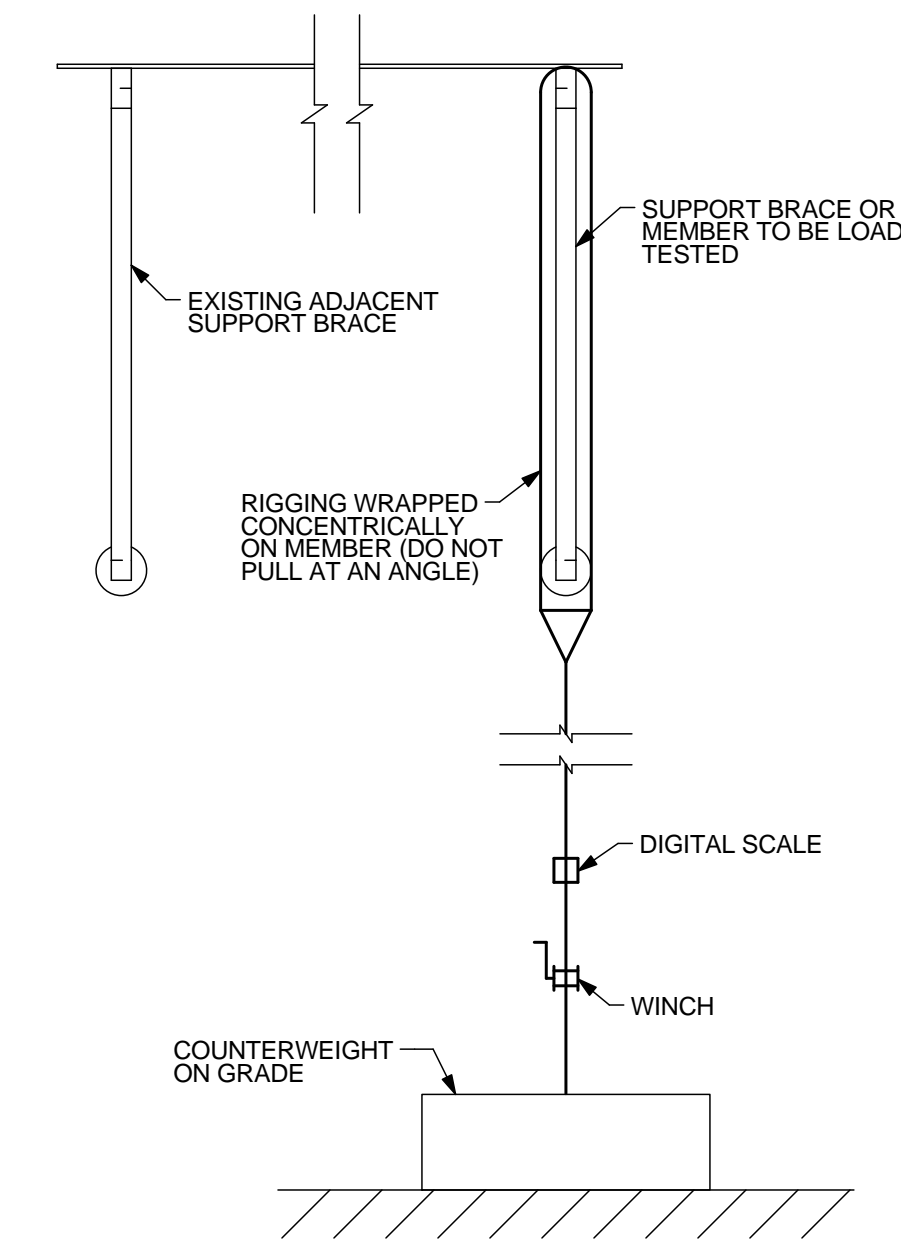
- LANDING GUARDRAIL LOADING**
1. APPLY LOADS SHOWN TO THE TOP RAIL. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY U.N.O.
 2. HOLD EACH LOAD FOR (10) MINUTES.
 3. TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.



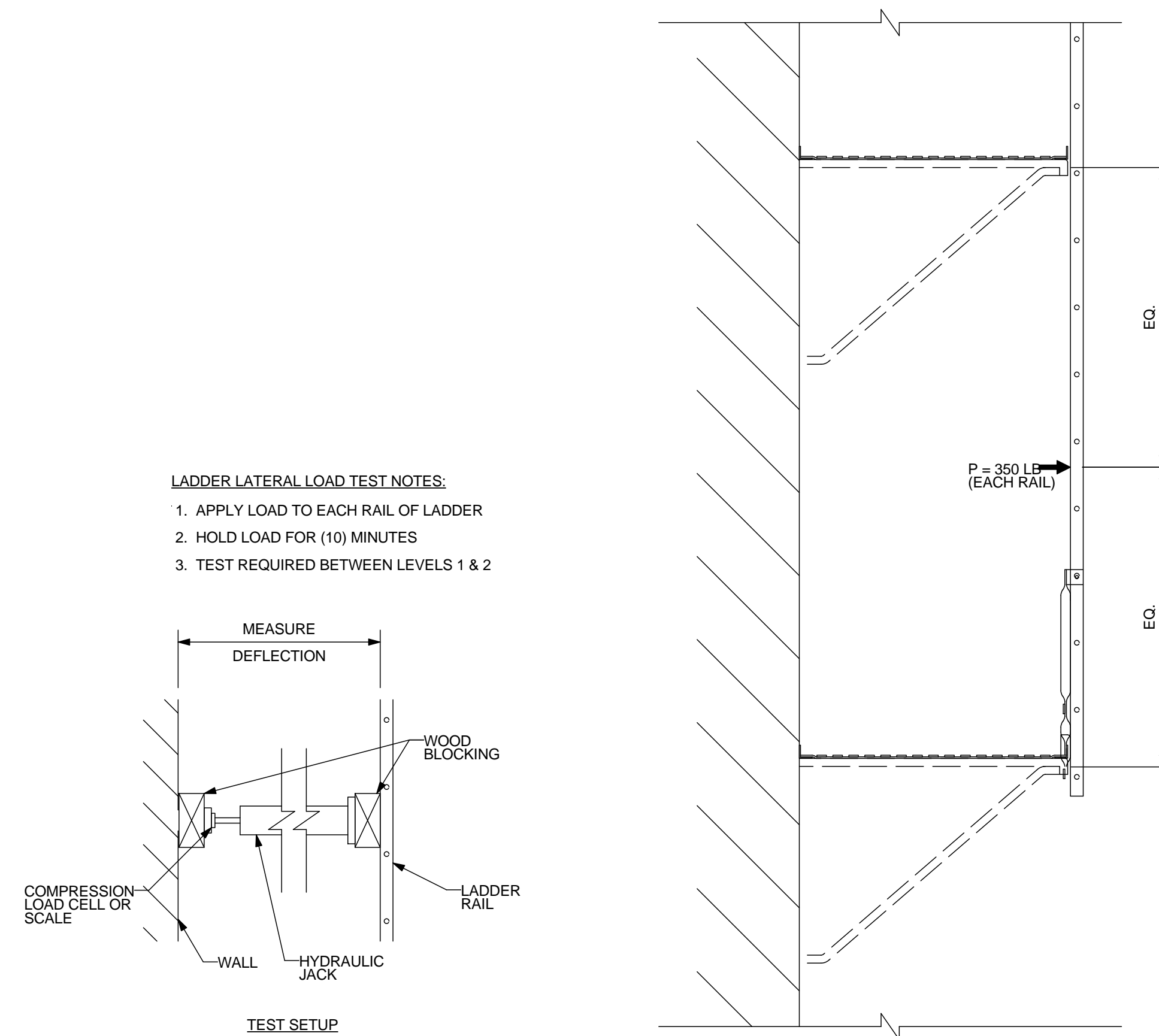
A GUARDRAIL TEST SETUP
S7.1 SCALE: 1/2" = 1'-0"



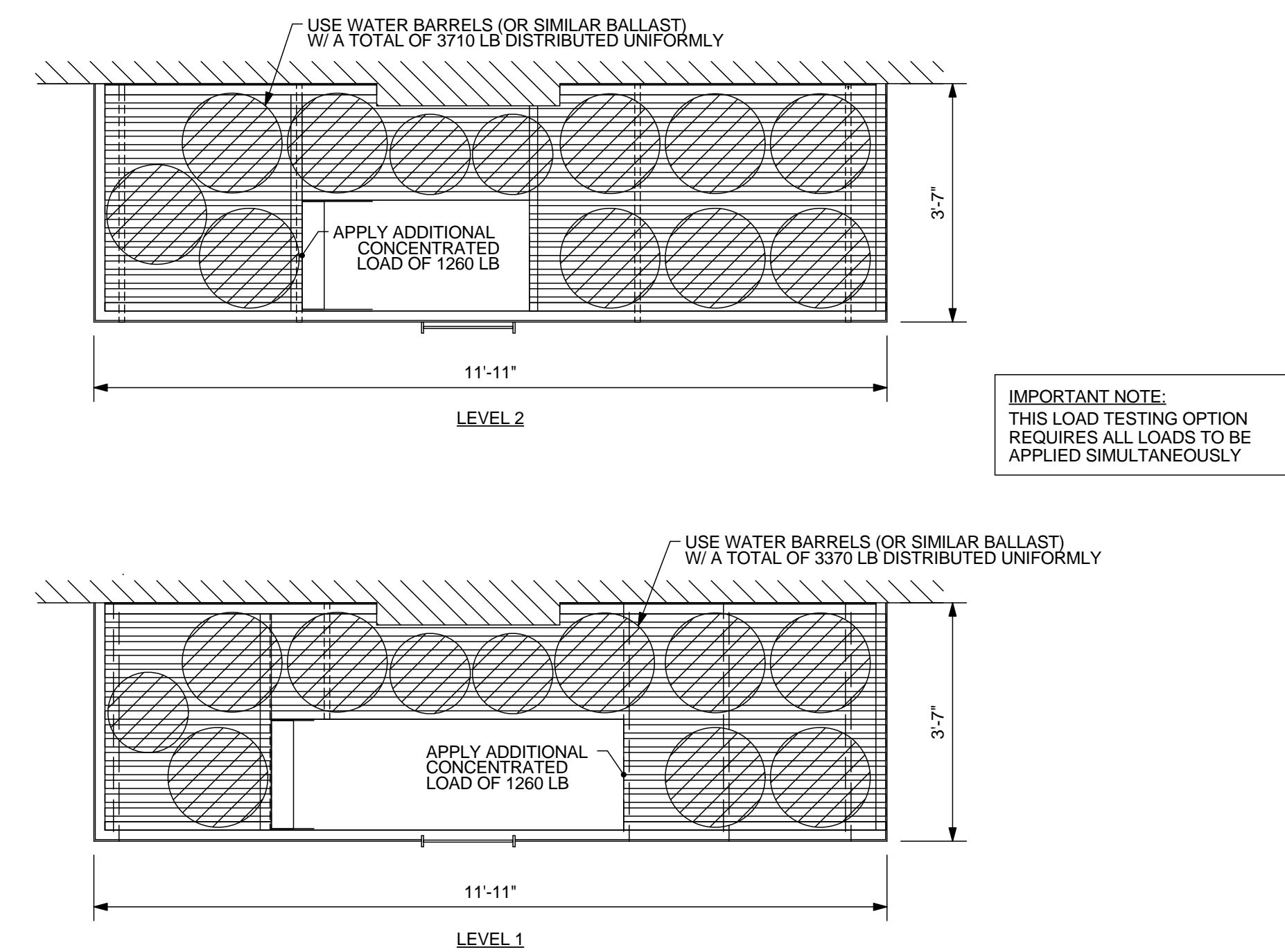
B SECTION @ LANDING SUPPORT BRACE
S7.1 SCALE: 1" = 1'-0"



C GENERAL LOAD TEST SETUP
S7.1 SCALE: 1" = 1'-0"



D LADDER LATERAL LOAD TEST
S7.1 NOT TO SCALE



E LOAD TESTING OPTION
S7.1 SCALE: 1/2" = 1'-0"

REVISIONS	DESCRIPTION
No. DATE	

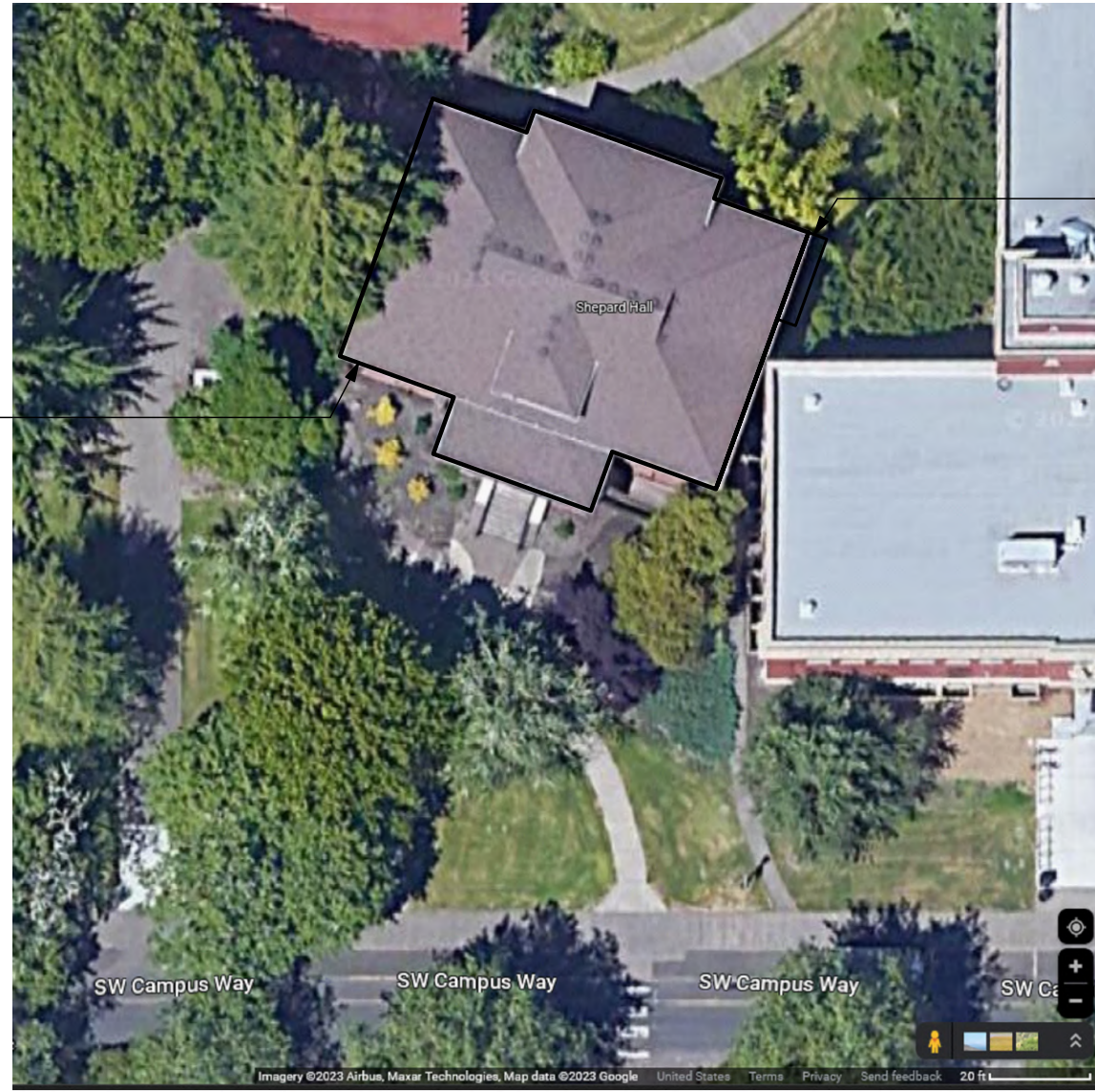
PROJECT: **OSU FIRE ESCAPES**
LOCATION: **1601 SW JEFFERSON WAY CORVALLIS, OREGON**

SHEET TITLE: **PHARMACY BUILDING FIRE ESCAPE DETAILS**
CLIENT: **OREGON STATE UNIVERSITY**

STABILITY ENGINEERING INC.
777 NE 2ND ST, SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (541)223-5360 FAX: (541)223-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN

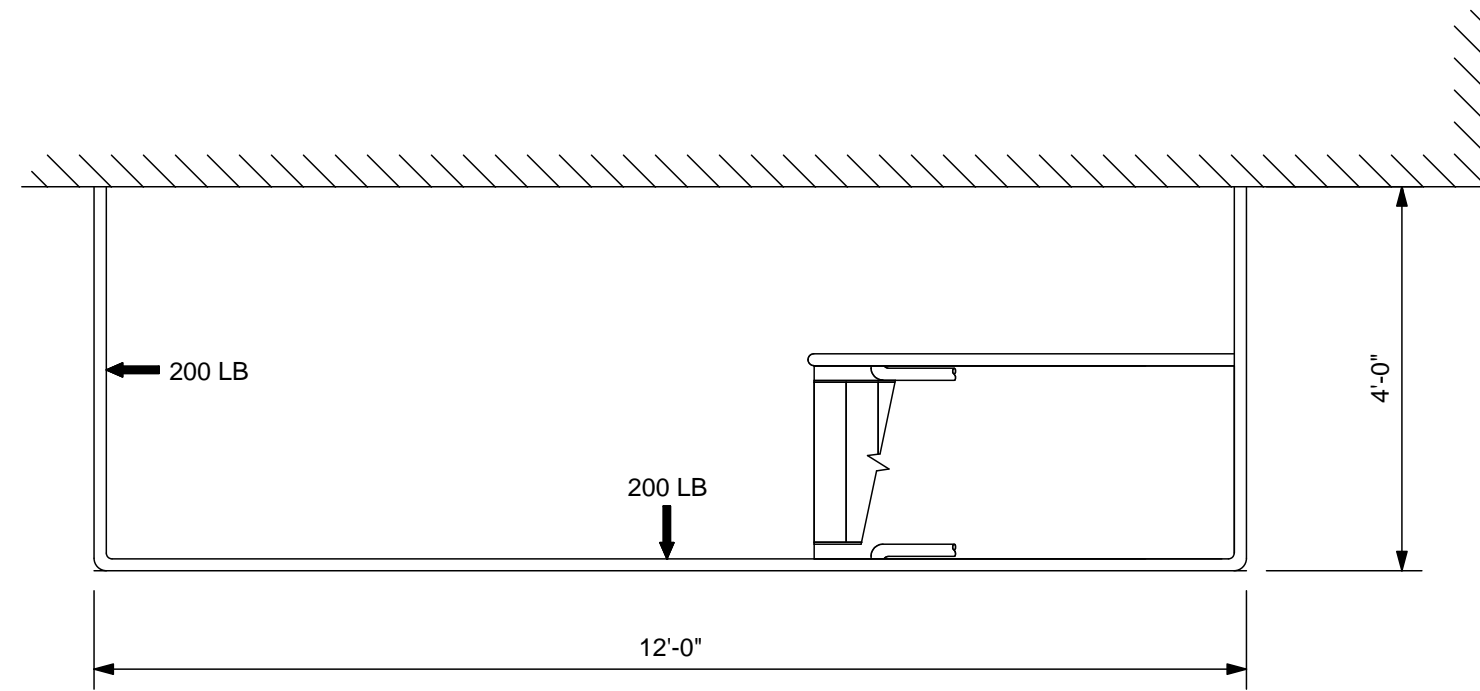
SHEET **S7.1**



SHEPARD HALL

FIRE ESCAPE LOCATION

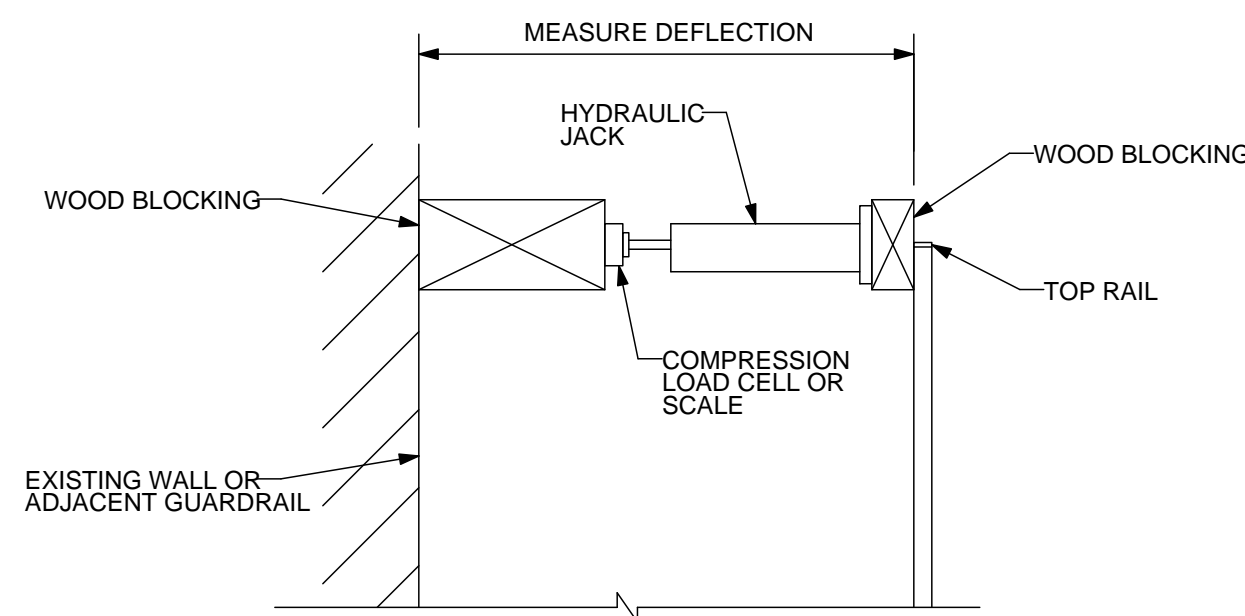
A FIRE ESCAPE SITE PLAN
S8.0 NO SCALE



B FIRE ESCAPE GUARDRAIL PLAN
S8.0 SCALE: 1/2" = 1'-0"

LANDING GUARDRAIL LOADING

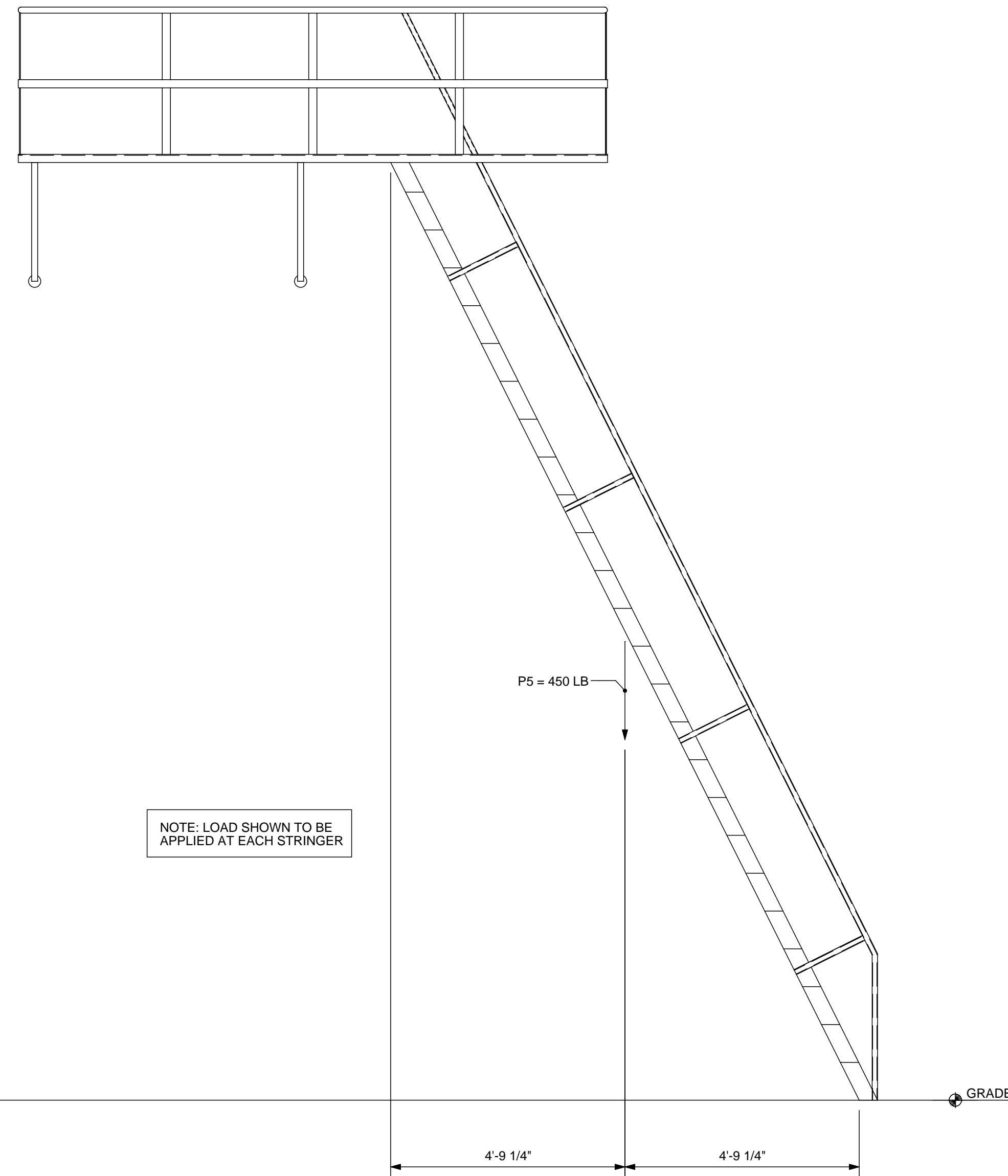
1. APPLY LOADS SHOWN TO THE TOP RAIL. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY U.N.O.
2. HOLD EACH LOAD FOR (10) MINUTES.
3. TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.



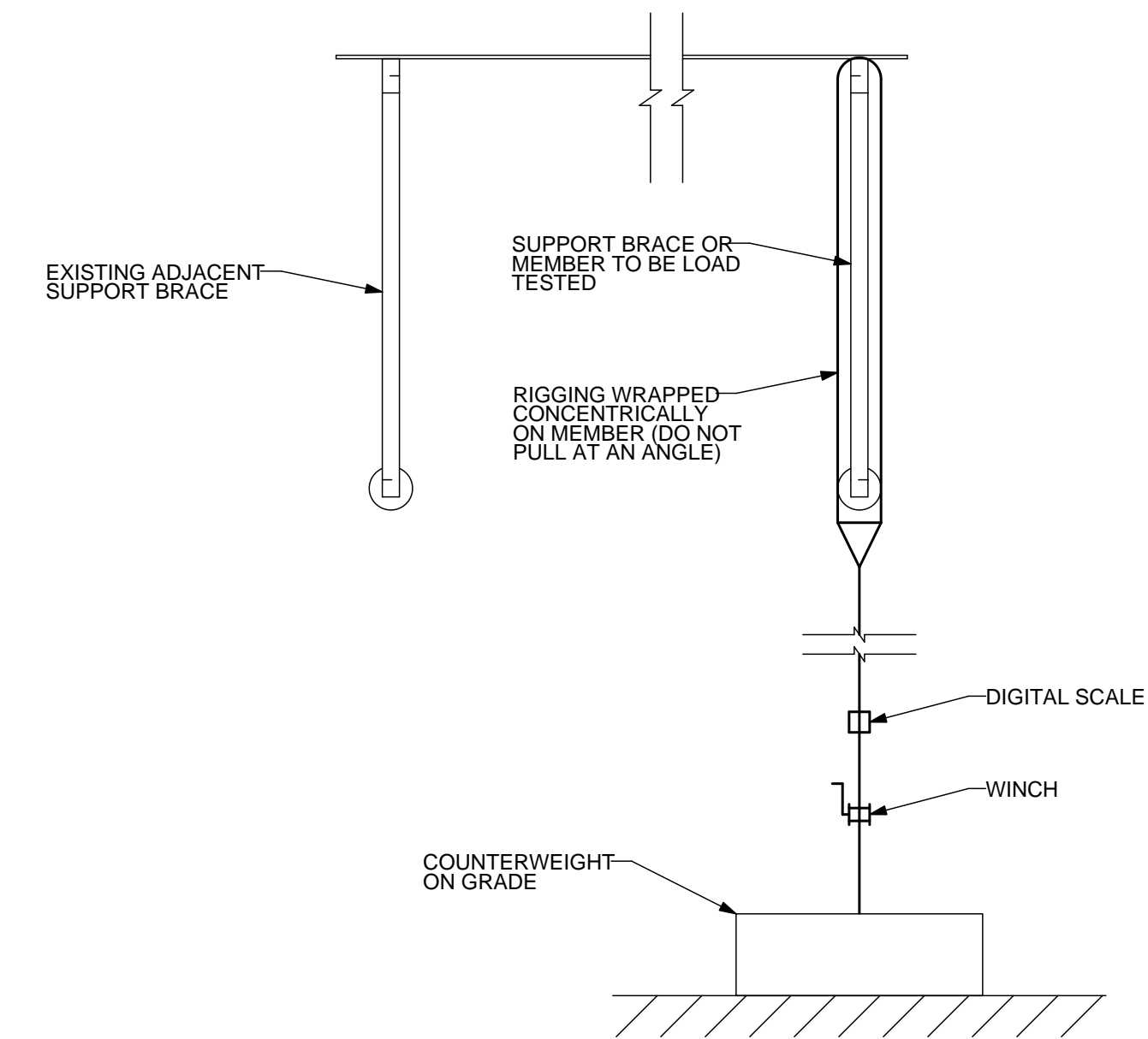
C GUARDRAIL TEST SETUP
S8.0 NOT TO SCALE

GENERAL NOTES FOR LOAD TESTING

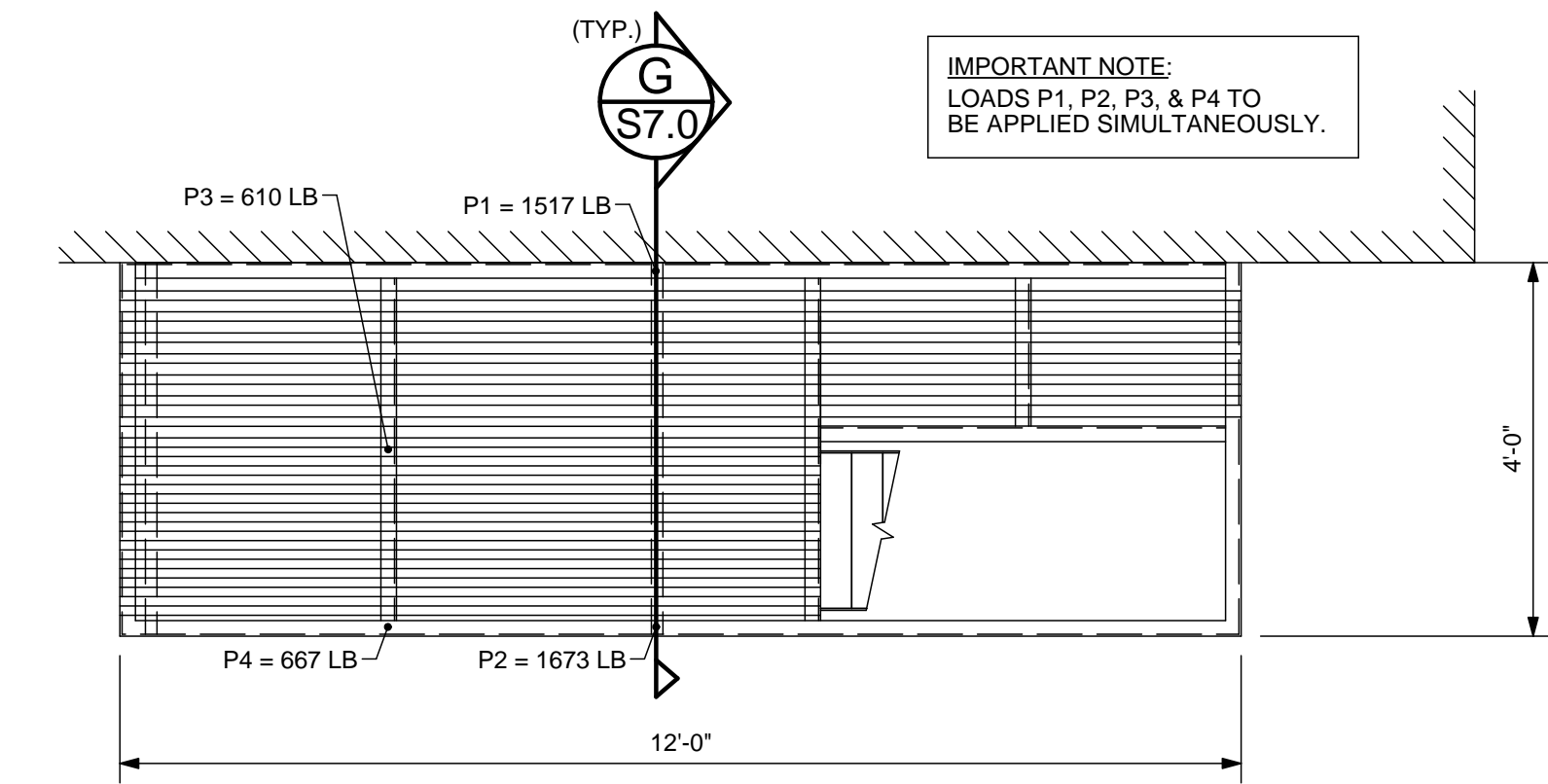
1. ALL TEST LOADING SHALL BE MONITORED USING CALIBRATED LOAD CELLS AND/OR SCALES.
2. DEFLECTIONS TO THE NEAREST 1/16TH INCH SHALL BE TAKEN FOR TESTED ELEMENTS. MEASUREMENTS SHALL BE TAKEN FROM FIXED REFERENCE POINTS OR REFERENCE POINTS NOTED ON THE TEST SETUP DETAILS.
3. THE ELEMENTS SHALL BE CONSIDERED TO HAVE SUCCESSFULLY PASSED THE LOAD TEST IF THE FOLLOWING CRITERIA ARE SATISFIED:
 - A. WITHIN ONE HOUR AFTER REMOVAL OF TEST LOAD, THE STRUCTURE SHALL HAVE RECOVERED NOT LESS THAN 75 PERCENT OF THE MAXIMUM DEFLECTION UNLESS NOTED OTHERWISE.
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5. HOLD EACH LOAD FOR 1 HOUR, UNLESS NOTED OTHERWISE.
6. TEST REQUIRED ONLY FOR LEVEL(S) SHOWN.
7. LOADS ARE NOT REQUIRED TO BE APPLIED SIMULTANEOUSLY UNLESS NOTED OTHERWISE.



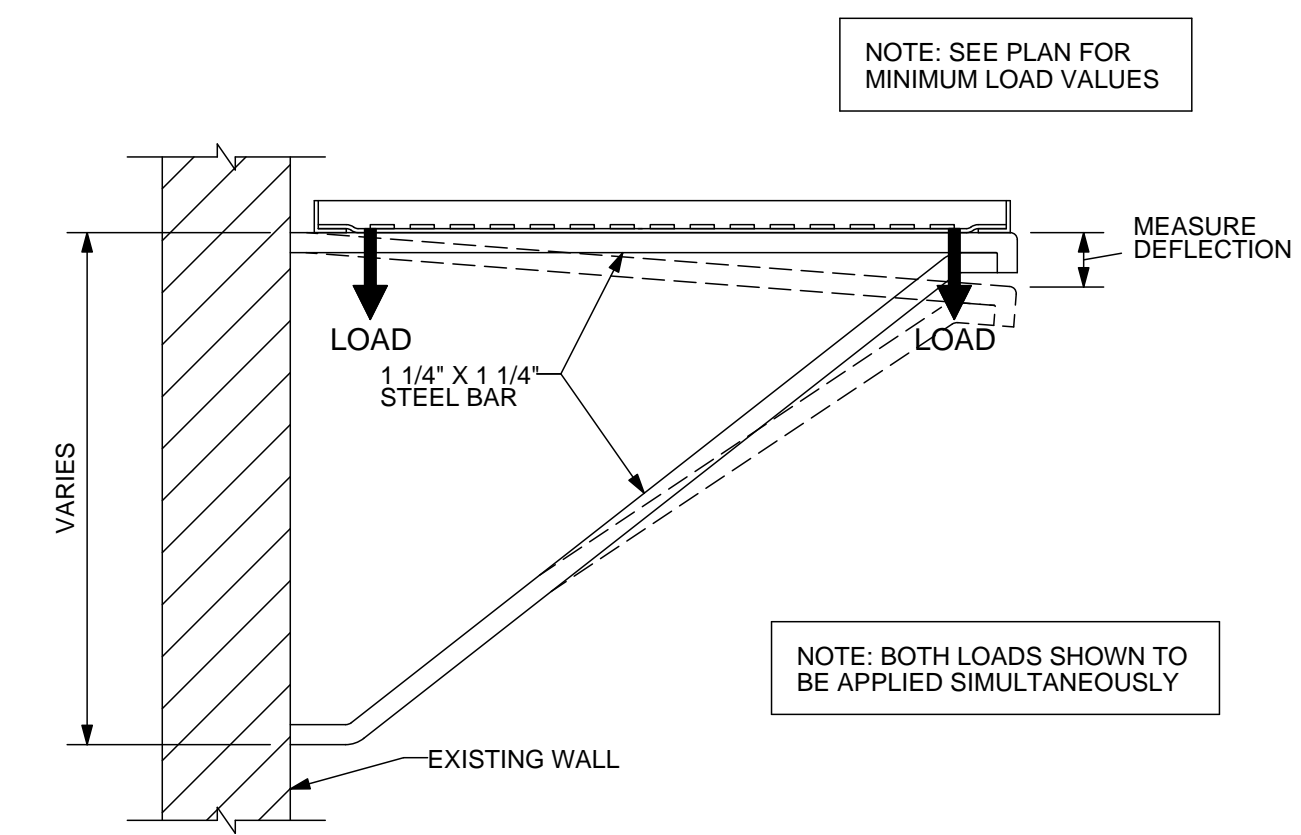
D FIRE ESCAPE ELEVATION
S8.0 SCALE: 1/2" = 1'-0"



E GENERAL LOAD TEST SETUP
S8.0 SCALE: 1" = 1'-0"



F FIRE ESCAPE PLAN
S8.0 SCALE: 1/2" = 1'-0"



G SECTION @ LANDING SUPPORT BRACE
S8.0 SCALE: 1" = 1'-0"



REVISIONS	No.	DATE	DESCRIPTION

PROJECT: **OSU FIRE ESCAPES**
LOCATION: **2001 SW CAMPUS WAY CORVALLIS, OREGON**

SHEET TITLE: **SHEPARD HALL FIRE ESCAPE PLANS & ELEVATION**
CLIENT: **OREGON STATE UNIVERSITY**

STABILITY ENGINEERING INC.
777 NE 2ND ST. SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (503) 838-5360 FAX: (503) 838-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN
SHEET **S8.0**



STANDPIPE TO BE REMOVED OR RELOCATED PER COORDINATION WITH CORVALLIS FIRE DEPARTMENT

FIRE ESCAPE TO BE REMOVED (2) LOCATIONS

A BEXELL FIRE ESCAPE REMOVAL PLAN
S9.0 NOT TO SCALE

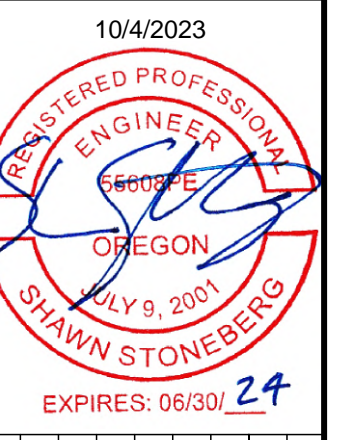
FIRE ESCAPE TO BE REMOVED



B COMMUNITY EAST FIRE ESCAPE REMOVAL PLAN
S9.0 NOT TO SCALE

ANY HOLES INTO BRICK OR EXISTING CONCRETE TO BE FILLED WITH NON SHRINK GROUT AND SEALED WITH WATERPROOF SEALANT.

ANY HOLES INTO MORTAR TO BE FILLED WITH NEW MORTAR TO MATCH EXISTING AND COVERED WITH A WATERPROOF SEALANT.



REVISIONS	DESCRIPTION
No. DATE	

PROJECT: **OSU FIRE ESCAPES**
LOCATION: **2251 SW CAMPUS WAY & 1650 SW PIONEER PL CORVALLIS, OREGON**

SHEET TITLE: **BEXELL & COMMUNITY HALL EAST FIRE ESCAPE REMOVAL**
CLIENT: **OREGON STATE UNIVERSITY**

STABILITY ENGINEERING INC.
777 NE 2ND ST. SUITE 280
P.O. BOX 2646, CORVALLIS, OR 97339
TEL.: (541)223-5360 FAX: (541)223-5278

JOB NO. 22-0669
DATE: 10/4/2023
DRAWN: KC
SCALE: AS SHOWN

SHEET **S9.0**